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Muskingum College

New Concord, Ohio

Catalog Edition
1913

MUSKINGUM COLLEGE BULLETIN

Series 9 JUNE, 1913 No. 3

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The Seventy-Sixth Annual Catalog

of

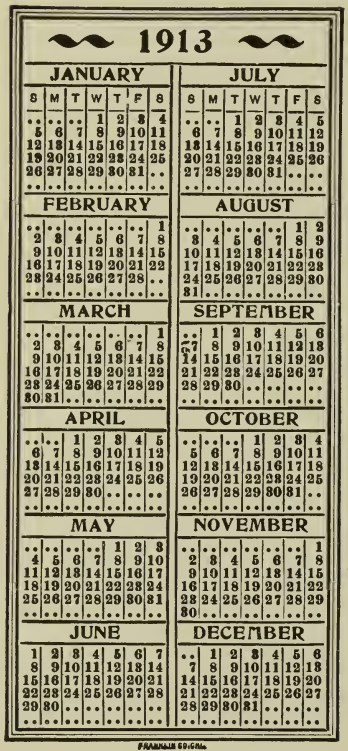
Muskingum College

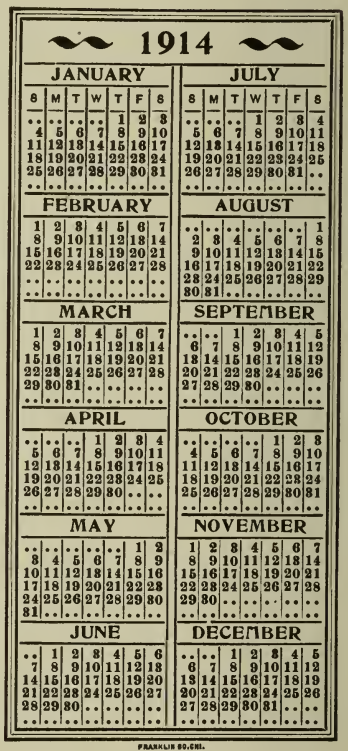
For the Year

1912-1913

Bulletin, Series IX, No. 3
Issued Bi-Monthly by the College, New Concord, Ohio
May-June, 1913

General Calendar for the Year 1913-14





CALENDAR
For the College Year 1913-14

1913.

January 7, Tuesday 2:30 P. M.....Winter Term Opened
March 20, Thursday Noon.....Winter Term Closed
March 27, Wednesday 2:30 P. M.....Spring Term Opened
May 28, Wednesday.....Senior Examinations
June 8, Sabbath.....Baccalaureate Sermon
June 10, Tuesday, 10:00 A. M.....Trustees Meet
June 12, Thursday.....Commencement
June 16, Monday, 2:30 P. M.....Summer School Opens
August 8, 11:30 A. M.....Summer School Closes
September 15, Monday 8 A. M.-11 A. M.; 1 P. M.-5 P. M. Registration and Tuition
September 16, Tuesday, 8 A. M.-Noon..Registration and Tuition
September 16, Tuesday, 2:30 P. M.....First Semester Opens
November 27, Thursday.....Thanksgiving Day
December 19, Friday, 11:30 A. M.....Holiday Recess Begins

1914.

January 6, Tuesday, 7 A. M.....Holiday Recess Ends
January 30, Friday, 3:30 P. M.....First Semester Ends
January 31, Saturday.....Registration and Tuition
February 2, Monday, 10:00 A. M.....Second Semester Begins
March 27, Friday, 11:30 A .M.....Easter Recess Begins
April 7, Tuesday, 7 A. M.....Easter Recess Ends
May 30, Saturday.....Decoration Day
June 11, Thursday.....Commencement
June 15, Monday 2:30 P. M.....Summer School Opens
August 7, Friday 11:30 A. M.....Summer School Closes

Commencement Program, 1913

SABBATH, JUNE 1

7:30 P. M.....Academy Baccalaureate
By Rev. R. W. Nairn, D. D., Zanesville, Ohio.

TUESDAY, JUNE 3.

7:30 P. M.....Weaver Declamation Contest

WEDNESDAY, JUNE 4.

7:30 P. M.....Conservatory Recital

THURSDAY, JUNE 5.

7:30 P. M.....Reception to Senior Class
By President and Mrs. Montgomery.

FRIDAY, JUNE 6.

7:30 P. M.....Academy Commencement
Address by Supt. H. B. Williams, Sandusky, Ohio.

SATURDAY, JUNE 7.

7:30 P. M.....Literary Diploma Night

SABBATH, JUNE 8.

11:00 A. M.....Sermon to Christian Associations
By Rev. J. D. Rankin, D. D., Pittsburg.
7:30 P. M.....Baccalaureate Sermon
By President J. Knox Montgomery.

MONDAY, JUNE 9.

7:30 P. M.....Junior Play—"The College Widow"

TUESDAY, JUNE 10.

10:00 A. M.....Meeting of Board of Trustees
7:30 P. M.....Brown Oratorical Contest

WEDNESDAY, JUNE 11.

11:30 A. M.....Alumni Association and Banquet
7:30 P. M.....Concert by Choral Society

THURSDAY, JUNE 12.

9 A. M.....Commencement Day
Exercises by Representatives of the Class
2:00 P. M.....Conferring Degrees and Annual Address
By George R. Stuart, D. D., Knoxville, Tenn.
7:30 P. M.....Annual College Sing

Board of Trustees

Term Expires 1913.

Rev. W. J. Grimes.....New Concord, Ohio
Rev. W. L. Garges.....Blairsville, Pa.
Rev. D. A. McClenahan, D. D.....Pittsburg, N. S., Pa.
Rev. L. L. Gray.....Northfield, Ohio
Rev. S. E. Martin, D. D.....Xenia, Ohio
Rev. H. A. Kelsey.....East Liverpool, Ohio
Robert McGowan, Esq.....Steubenville, Ohio
Fred Sebring, Esq.....Sebring, Ohio
*James Archer, Esq.....Steubenville, Ohio

Term Expires 1914.

Rev. Huber Ferguson.....Xenia, Ohio
Rev. W. P. Aikin.....Cannonsburg, Pa.
Rev. J. W. Ashwood, D. D.....Cambridge, Ohio
Rev. C. W. Fulton.....Pittsburg, N. S., Pa.
J. M. Brown, Esq.....Wheeling ,W. Va.
E. B. Castor, Esq.....New Concord, Ohio
R. H. Rutherford, Esq.....Zanesville, Ohio
Rev. R. W. Nairn, D. D.....Zanesville, Ohio
W. S. George, Esq.....East Palestine, Ohio

Term Expires 1915.

Rev. Mertz A. Eakin.....Steubenville, Ohio
**Rev. W. J. Graham.....New Concord, Ohio
Rev. O. H. Milligan.....Ben Avon, Pa.
Rev. H. B. Henderson.....Detroit, Mich.
R. L. Brownlee, Esq.....Steubenville, Ohio
Howard McDonald, Esq.....Los Angeles, Calif.
F. T. Hare, Esq.....Wheeling, W. Va.
Capt. O. M. Shipley.....New Concord, Ohio
Prof. S. H. Maharry.....Wellston. Ohio

*Died Dec. 31, 1912.
**Died Oct. 16, 1912.

Officers of Board of Trustees

Rev. S. E. Martin, Xenia, Ohio.....President
*Rev. W. J. Graham, New Concord, Ohio.....Secretary
L. J. Graham, New Concord, Ohio.....Treasurer

Executive Committee

Rev. J. Knox Montgomery, D. D. Chairman,
R. W. Nairn, D. D.,
Howard McDonald,
O .M. Shipley,
R. H. Rutherford.

Finance Committee.

President J. Knox Montgomery, Chairman,
E. B. Castor,
O. M. Shipley.

Visiting Committee.

Rev. H. A. Kelsey, Chairman,
Rev. Huber Ferguson,
F. T. Hare,
Rev. D. A. McClenahan, D. D.
Fred Sebring.

Committee on Special Department.

President J. Knox Montgomery, Chairman,
Rev. D. A. McClenahan, D. D.
Rev. S. E. Martin, D. D.

*Died Oct. 16, 1912.

Officers of Faculty

J. KNOX MONTGOMERY, D. D. ..... *President*

THOMAS H. PADEN ..... *Secretary*

CHESTER J. MARSHALL ..... *Registrar*

Standing Committees of Faculty

Registration and Classification — Professors Marshall, Lowery and Paden.

Rules and Regulations—Professors Wright, Gray, and Sharp.

Athletics and Gynasium—Professors Graham, Lowery, Caldwell and McConagha.

Library—Professors Wright, Brown and Bryant.

Lecutres and Public Exercises—Professors Graham, Gray, and Dennis.

Examinations and Reports—Professors Marshall, Paden and Lowery.

Catalogue—Professors Marshall, Graham and Lowery.

Student Affairs—Professors Lowery, McConagha and J. I. Stewart.

College and Student Publications—Professors Graham, Paden and Sharp.

The President is ex-officio member of all committees.

Engineer and Chief Janitor—G. Cameron McConagha.

Fireman—Henry A. Fankhouser.

Assistant Janitors—Jesse Keyser and Edward Purtee.

FACULTY

JOHN KNOX MONTGOMERY, D. D. PRESIDENT.
Professor of Biblical Science.

JOHN ALEXANDER GRAY, A. M. PH. D..
Professor of Mathematics and Logic.

THOMAS HOSACK PADEN, A. M., PH D.
Professor of Latin and Political Science.

LEONARD JOHNSON GRAHAM, A. M.
Professor of English Language and Literature.

CHESTER JOSEPH MARSHALL, A. M.
Professor of Greek and Education.

ALEXANDER HOLLAND WRIGHT, A. M.
Professor of Chemistry.

JOHN COLEMAN, A. M.
Professor of Philosophy.

MARY EMMA SHARP, A. M.
Professor of French and German.

WILBUR COOKMAN DENNIS, A. M.
Professor of Oratory and Expression.

JOHN IRWIN STEWART, A. M.
Professor of History.

EARLE RUSKIN BRYANT, A. M.
Professor of Biology.

JOHN GLENN LOWERY, M. S.
Professor of Physics and Principal of Academy.

MARY ADELIA LORIMER, B. S.
Instructor in Latin.

BEULAH BROOKS BROWN, PH. B.
Instructor in English.

MARY CAROTHERS McCONOGHA, B. ELO.
Dean of Women and Instructor in English and Elocution.

MARY ELIZABETH STEWART, A. B.
Instructor in French and German.

EDITH CAROLYN PATTON,
Instructor in Domestic Science.

SAMUEL HARRISON LOVEWELL,
Director of Conservatory of Music, Pianoforte, Organ and Musical Science.

ALBERT EDWIN HOSMER,
Voice, Sight Singing and Chorus.

ESTELLA McCARTNEY,
Pianoforte, Kindergarten.

WILLIAM WISHART GRAY,
Violin, Orchestra.

SARAH ALLISON GRAY,
Instructor in Art.

MAE McCONAHA.
Commercial Branches.

PAUL RAYMOND MURPHEY,
Assistant in Biological Laboratory.

LLOYD DEWITT COPELAND,
Assistant in Physical Laboratory.

MILO B. JIMISON,
Assistant in Chemical Laboratory.

Historical Statement

The first steps toward the establishment of Muskingum College were taken by the people of New Concord in 1836. They were of those who believed in the "Ordinance of 1787," which declared that "Religion, Morality and Knowledge, being necessary to good government and the happiness of mankind, schools and the means of education shall be forever encouraged." Acting upon this belief Muskingum College was chartered in 1837 under the laws of the State of Ohio. For many years it was run as a local institution governed by a local board of trustees. In 1877, believing that the time had come for the college to enter upon a broader field of service its formal control was transferred to the United Presbyterian Presbyteries of Muskingum and Mansfield. In 1888 its sphere of usefulness was still further extended when it came under the control of the United Presbyterian Synod of Ohio. These transfers have largely increased its constituency and made it the representative of higher education for a Christian body, having a large membership in Ohio, Michigan and West Virginia. The Board of Trustees is elected by the Synod of Ohio, six of them being nominated by the Alumni Association of the College. Though under denominational care and control the College offers her advantages to all on equal terms without regard to denominational affiliation. Three denominations are represented on her board, five on her faculty, and twelve in her student body.

Among those who have served Muskingum College as president are men whose names are widely known in the United Presbyterian Church and in the educational world. Among these may be mentioned her first president, Rev. Benjamin Waddle, D. D., who was in close touch with the institution for over twenty years. Rev. David A. Wallace, D. D., LL. D., who afterwards became the efficient president of Monmouth College, began his educational career as president of Muskingum. Rev. David Paul, D. D., was president for fourteen years, a man, mighty in word and in deed. Rev. F. M. Spencer, D. D., ex-President of Cooper College, was president of Muskingum from 1870 to 1886. Rev. J. D. Irons, D. D., LL. D., succeeded him, serving the institution for five years. Rev. Jesse Johnson, D. D., now professor in Xenia Theological Seminary, was president from 1893 to 1902. During his administration the present main college building and gymnasium were erected.

The present president entered upon his duties in September, 1905, and was inaugurated November 7, of the same year. During this administration, the entrance requirements have been stan-

dardized and the curriculum of the college strengthened, until it now meets the requirements of the Associated Colleges of Ohio and of the North Central Association of Colleges and Secondary Schools. The academy has a four years' course bearing the imprimature of the State School Commissioner of Ohio as a first-grade high school and is a member of the North Central Association. The growth of the institution has been rapid during the past few years, the total enrollment this year aggregating 606. In all ten thousand young men and women have been in attendance upon Muskingum. Over half of her male graduates have entered the mininstry, a large number have served as teachers and fifteen have become college and seminary presidents, two of whom attained national and one, the late President W. R. Harper of Chicago University, international fame. Thousands of other teachers have received their training at Muskingum College. Her roster of statesmen, lawyers, bankers, and business men, includes names that are most honored. Today Muskingum College through her representatives serves in all parts of the world. During the past seven years twenty-six of her graduates have sailed for the foreign fields. Her student body today comes from eighteen states and three foreign countries. A first class Conservatory of Music has been developed in connection with the college and a school of expression which has few superiors in this or other states. The college has taken front rank in Ohio in oratory and debate, having won the State Oratorical Contest three years out of four, and during the same time winning sixteen intercollegiate debates, besides winning the Tri-State Oratorical Contest three times and this year winning the Inter-State Oratorical Contest over the leading orators of eleven states representing one hundred eleven colleges and universities.

The aim of the institution is to give thorough training. The college idea should be culture—the production of the best manhood and womanhood. And this does not require that utility be lost sight of, but that it be held in proper relation. For young people the studies which are called "practical" are after all more useful for their discipline than for their direct contribution to skill in the callings of life. Muskingum, therefore, strives to be *a good college, not a poor university*. She concentrates all her effort, so far as studies are concerned, on the preparation of young men and women to receive the bachelor's degree, and her good reputation for undergraduate work has proved her wisdom.

The graduates of Muskingum College do not fail to take high rank in university post graduate work or when they enter professional or technical schools. Students coming to Muskingum may be sure of thorough training, and a preparation for life that will serve their best interests and will fit them for rendering the best service to their generation.

Material Equipment

MAIN BUILDING—

The present Main College Building was erected in 1899. The length is one hundred and twenty-four feet, the depth sixty feet. The building is of red pressed brick, three stories in height. The first floor contains the new Chemical and Biological Laboratories with storage and recitation rooms.

The Chemical Laboratories are equipped in such a manner as to permit a high grade of college work being done. One large room has three elegant desks, accommodating forty-eight students, each student having his individual drawer and locker. Another room is used as additional laboratory for Domestic Chemistry and Scales room. Two store rooms are crowded with the necessary reagents, glassware and apparati from which each student gets his outfit for his desk. Recitation rooms are sufficiently near to facilitate the best connection between laboratory and recitation.

The Biological Laboratory is large and roomy, well lighted and ventilated, furnished with six massive tables. There are eleven high grade, compound microscopes, a good collection of microscopic slides, specimens, skeletons, and other needed apparatus for the best teaching of the various subjects. A new autoclave has been purchased; also a store room has been furnished with a large number of locker drawers for the use of the laboratory students. There is a high grade reflectoscope for both slides and opaque objects with microscope attachment for the department of Biology and Physics.

The west portion of this floor contains the machinery room, china kiln, workshop, and general storage room.

The main floor contains the Chapel, which has a seating capacity, including the rooms to the rear, of five hundred. A new two manual pipe organ has recently been installed in the chapel. Two large recitation rooms, together with the President's office, spacious halls, and three cloak rooms are on this floor. The east portion of the main floor is devoted to the Reading Room and Library, both of which are large and well lighted. About six thousand volumes are in the Library. Several hundred new books have recently been added representing all the departments of the College, Conservatory, School of Expression, and School of Art. The leading daily papers, together with a large assortment of magazines, representing all the departments of general literature, science, philosophy, etc., are on the tables and in the racks.

The third floor is occupied by the Conservatory of Music, the School of Expression, and the Literary Societies. Their halls are beautifully furnished, and form attractive meeting places.

RECITATION HALL—

This building was erected in 1873 and for many years was used as the main college building. It has been remodeled and now contains seven large recitation rooms, furnished with university chairs, maps, charts, etc. In this building are the lavatories and a nicely furnished ladies' rest room. The first floor contains also the Physical Laboratory. It is exceptionally well lighted and is well arranged for the work. It is equipped with tables and apparatus for individual work by the students. There is also a large demonstration table for the convenience of the instructor. The laboratory is equipped with gas, water, electricity—both alternating and direct current—distilled water and steam, etc. There is a complete line of apparatus in sets for use by the students in both the Academy and College Physics Courses. Apparatus and equipment is also provided for the lecture demonstration work in Mechanics, Molecular Physics, Heat, Magnetism, Electricity, Sound and Light.

ALUMNI GYMNASIUM—

The Gymnasium was erected in 1900 at a cost of $7,000. It is a substantial brick structure and has its own heating plant in the basement. The first floor contains the Physical Director's room, gentleman's dressing and locker rooms, with toilet and shower baths; supplied with hot and cold water; also exercise room and basket ball floor. It is thoroughly equipped with all modern apparatus necessary for the best development of the physical man. On the second floor are the galleries, the ladies' dressing room and lavatory, with shower baths. Several hundred dollars have recently been spent in remodeling the gymnasium.

ATHLETIC FIELD—

The College owns one of the finest athletic fields in the state with diamond, gridiron and quarter mile track.

PRESIDENT'S MANSE—

In 1906 an elegant manse for the president was erected on the west campus at a cost of $5,000. It is a twelve room house, with all modern conveniences, splendidly adapted to its purpose as a social center for the college, and has one of the commanding views in southern Ohio. The scenery in every direction is attractive to the eye.

CAMPUS—

The original campus of the college was small. In 1906 ten acres were added to the west side, and in 1909 eleven acres more, which furnish a splendid physical basis for the growing institution. The ground is high and rolling, with a sweeping view for miles, and is noted for the purity of its atmosphere.

NEW BUILDINGS—

The rapid growth of the institution in the past four years and the consequent crowded condition of the present buildings made expansion necessary. On another page will be seen a bird's-eye view of the new group of buildings to be erected on the campus and which will mean practically a new Muskingum. The location of this group of buildings is on the hill west of the present buildings and it is most beautiful for situation. The plan shows eight buildings besides the central heating and lighting plant. These are the auditorium, the main college building, the library, two science halls, a gymnasium, and two dormitories. The auditorium and the central heating plant have been erected and furnished at a cost of $70,000. The architect's plans and drawings for the library have been made and the expectation is that this building will be erected during the present year at a cost of $50,000.

AUDITORIUM—

The new auditorium was erected during the year 1912. The building is 150 feet in length by 60 feet in width. Its architecture is of the English cathedral type. The main floor has a seating capacity of 600 for daily chapel use, and with the balcony and the Y. M. C. A. room, will accommodate 1000 people. A Moller pipe organ, purchased by the students in attendance during the years 1911-1913 at a cost of $3500, has been installed.

The Y. M. C. A. has its home on the main floor of this building in a commodious and well appointed room. The Y. W. C. A. is located on the basement floor, their room forming a parlor for the large social and banquet hall adjoining, which will accommodate five hundred people. Here all the social functions of the college are held. On this floor are also the cloak rooms and the kitchen with serving room. The auditorium was erected at a cost of $45,000, including furnishings.

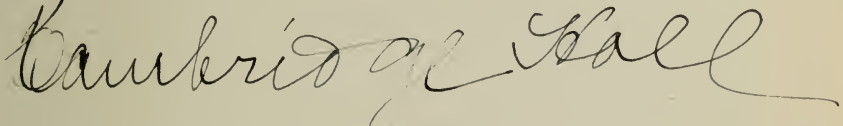
HEATING AND LIGHTING PLANT—

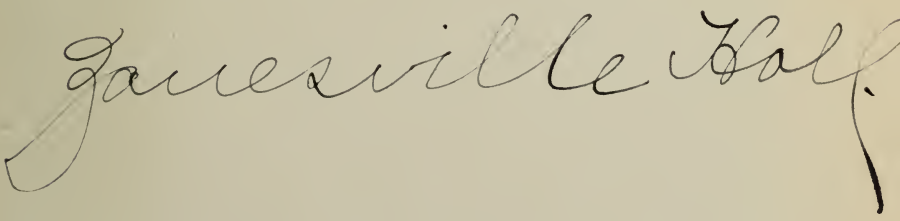
This building has been erected for the purpose of taking care of the present buildings as well as those of the new group. The building is 56 by 68 feet. It is erected of dark Ironspot brick in harmony with the auditorium and with the future buildings to be erected. The interior is of gray brick. The stack is 130 feet in height and is also built of Ironspot brick. The boiler room provides for four boilers with capacity of 160 h. p. each. They are of the fire tube return flue type. The vacuum heating system is used. Provision is made for the storage of three hundred tons of coal. There is a commodious engine room with one direct connected direct-current generating unit, consisting of a 50 h. p. engine and a 40 kw. generator which furnishes light for all the buildings and current for the different motors and laboratories.

Provision is made for the installation of the second unit when additional buildings require it. The boiler feed and vacuum pumps, together with feed water heaters are also in this room. Steam is conducted to the different buildings through underground conduits. The auditorium is provided with direct radiation also the ventilating system for heating, having the themaustatic control, being operated with an electric fan, which makes it possible to change the air in the building in three minutes. The cost of the plant was $25,000.

LIBRARY—

The plans for the Muskingum-Guernsey library comtemplate a building to cost $50,000. The floor plans shown elsewhere in this catalog indicate a commodious structure and show the architectural beauty of the building. This library is to be unique among college libraries in that it is to have a department for the public through which it will serve the rural sections of Muskingum and Guernsey counties, on whose borders the college is located. The people of these two counties are contributing the funds for the erection and endowment of this building. It is to be erected of Ironspot brick, with gray brick for inside finish, and is to be fireproof.





General Information

LOCATION—

Muskingum College is located on the main line of the B. & O. Railroad, two hours east of Columbus, Ohio, and four hours and thirty minutes west of Pittsburg, Pa. It is eight miles from the city of Cambridge, and eighteen miles from the city of Zanesville. Connections at Pittsburg, Wheeling, Bellaire, Cambridge, Zanesville, Newark, Columbus, Mt. Vernon, Mansfield, Cincinnati and many other points make New Concord easy of access The College town is located among the picturesque hills of southern Ohio, and is beautiful for situation. The altitude of the College hill is about 1,000 feet above the sea level. It is an ideal College town, supporting five churches, and has never had a saloon. The healthfulness of the place, the moral and religious character of its people, together with its freedom from temptation, make it an ideal place for a college student. The college town has taken on new life in recent years, paving streets, installing electric light plant and water works. The life of the village centers about the college. The patriotism and loyalty of the people may be judged from the fact that during the Civil War almost every home had a representative in the field, and from the further fact that no citizen born in the township has ever been arrested for crime.

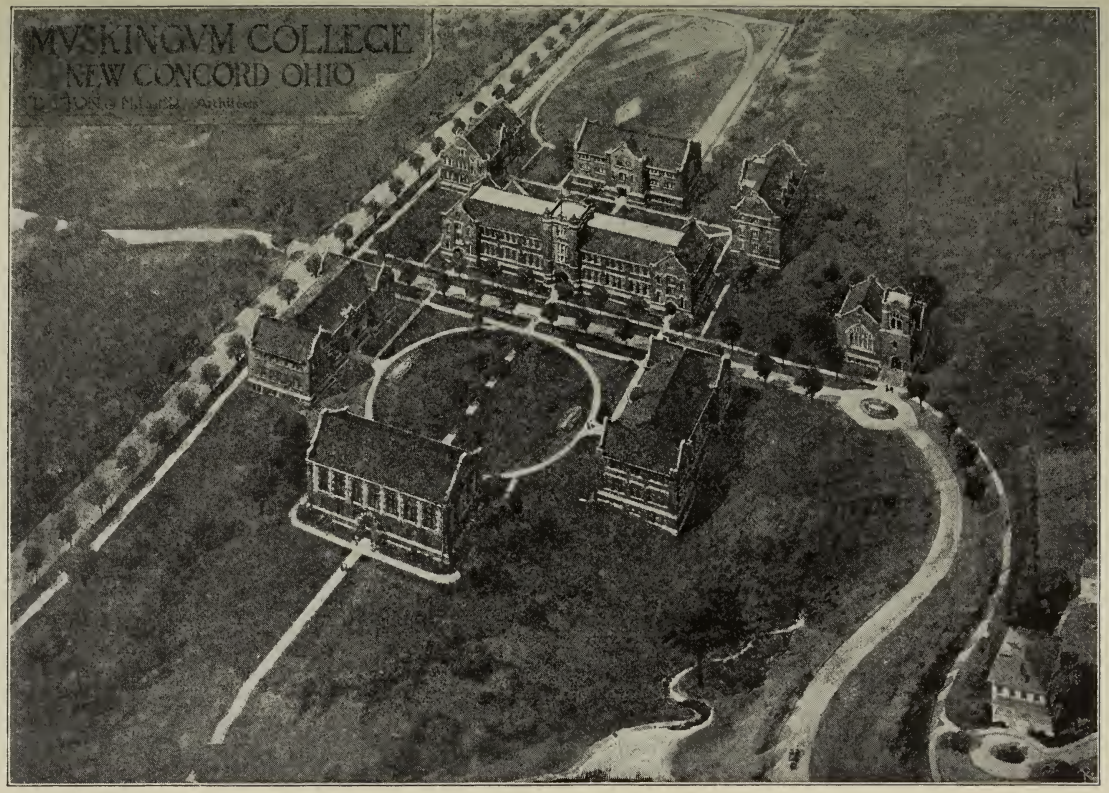
ROOM AND BOARD—

Students room in private homes and for the most part board in clubs. It is usually best to defer the choice of room until personal selection can be made. A list of available rooms with prices is posted in the College office. A large committee of the Young Men's and Young Women's Christian Association looks after the welfare of the new students, and assists them in securing rooms, boarding clubs, books, etc. Special attention is given to the young ladies in order that they may have the special care and oversight of ladies who will make their surroundings homelike. A Dean of Women is charged with their oversight.

TO PARENTS—

College fees for each semester are payable on entrance. Should this be impracticable, parents should write to the Treasurer, Prof. L. J. Graham, or to the President, concerning special arrangements. It is better that money intended for college fees should be brought by the student in check or draft payable to the Treasurer of Muskingum College, which the student should carry to the Treasurer as soon as possible. Parents should not allow their sons to buy on credit, nor run open accounts at stores, nor borrow money from their fellow students.

Birdseye View of New Campus and Proposed Buildings



Boys' Dormitory
Science Hall
Athletic Field
Gymnasium
Main Building
Library
Girls' Dormitory
Science Building
Chapel
President's Residence

MAIN BUILDING

For many reasons the President should be notified beforehand of the intended matriculation of new students. Not only the President but each of the professors, will do all in his power to assist new students in finding desirable and congenial roommates, and a new student should feel no hesitation whatever in asking such advice and assistance.

REGISTRATION—

At the opening of each semester the name and course of every student are enrolled by the Registrar. The registration must be attended to not later than the opening day of each semester, and failure to comply with this requirement will debar the student from reciting in any class. No student will be enrolled in any class until his bills have been paid. His registration card must be signed by the President and Treasurer as evidence of this. For each registration card issued after the first day of each semester an extra fee of one dollar will be required.

Registration for the second semester will be on such days before the close of the semester as are designated by the Faculty. Students neglecting to register at the appointed time will be required to pay a fee of one dollar.

ATTENDANCE—

The fallacy, as widely current as it is mischievous, that no harm is done by entering a few days late, has in innumerable instances proved fatal to a student's success. Absence from class entails intellectual loss that can only be made up by special work. Punctual attendance then is expected on the opening day of each semester. Unless satisfactory excuse be offered for these absences they will count against the student the same as other unexcused absences.

Any student, having more than three absences from any class, will be required to pass a satisfactory examination in the work covered thus far in the term before being re-admitted to class standing.

EXAMINATIONS—

Examinations are held at the close of each semester. Any student whose class grade falls below 70 in any subject will be required to take a special review in that branch before being admitted to final examination. No student who omits a required examination in any branch at the appointed time will receive a grade in the study or be regarded as having completed it until the examination is taken. In any such case the student must present his reason for absence unless he has obtained previous permission to postpone his examination. If the reasons are satisfactory, written permission will be given to have a special examination. This permission, together with the receipt of the

Treasurer for a fee of one dollar, must be presented to the Professor, and the examination will be given. Where absence at the time of the class examination is caused by sickness, no fee will be charged.

The Senior examinations take place two weeks before commencement, and may cover the studies of the Senior year.

As soon as possible after the close of each semester, a report of the grades of each student in all studies will be sent to the parent or guardian, to whose careful consideration all reports are earnestly recommended. It is requested that the Registrar be promptly notified of any failure to receive such reports. In these reports A, represents a grade of from 96 to 100; B, from 90 to 95; C, from 80 to 89; D, from 70 to 79; E, from 65 to 69; F, failure.

HONOR SYSTEM—

Some years ago the student body took the initiative in the matter of the honor system in examinations. Their action was approved by the faculty and all written work in the class room, as well as the regular examinations, are conducted under this system. Each student writes and signs the following pledge upon his paper before handing it in:

"I pledge my honor as a gentleman (or lady, as the case may be) that I have neither received nor given aid during this examination."

A student council consisting of representatives from the different classes is organized to which any violation of honor is to be reported for their action.

HONORS IN SCHOLARSHIP—

Honors in scholarship are recorded on the diplomas of the students winning them, and published on the commencement program.

Two classes of honor, designated respectively as honor (*cum laude*) and high honors (*magnum cum laude*) are conferred at graduation upon students who satisfy the following conditions of scholarship:

Honors in general scholarship are awarded those students who have attained a grade of A in 100 hours; a grade of B in 50 hours, and have no grade lower than C in the total required for graduation.

High honors are awarded those students who have attained a grade of A in 150 hours of the total required for graduation, and no grade lower than B in the remainder.

GOVERNMENT—

There are no traditions so persistent as those of a College campus. These inherited ideals of College life, the campus "at-

mosphere" act with almost irresistable force on all newcomers, who are exposed to their influence at a peculiarly suscepitible age. The chief treasure of Muskingum, more valuable than rich endowments or costly buildings, is the character of her student body and the traditions of honor, morality, and religion which pervade the life of her campus.

The aim is to govern as little as possible, yet as much as is needed. The students are taught, encouraged and assisted in self-government. Discipline always looks toward the strengthening of the students' self-respect and sense of personal responsibility. The cases where this method fail are rare.

Wherever a student is known to be unfit to remain in College he will be dismissed.

The statutes of the Board expressly forbid profanity, card playing and the use of intoxicating liquors. The use of tobacco is forbidden on the college premises, the village streets and is openly discouraged and disapproved everywhere.

GYMNASIUM—

It is a recognized fact that physical training, under competent supervision, is essential to sound scholarship. For this reason a progressive course in systematic and rational physical training is given covering a minimum of two hours per week in the Freshman and Sophomore years, for which four credits are allowed. A careful physical examination is made of each student at the opening of the college year by the college physician, of which an accurate record is kept, and advice is given to assist the individual student in acquiring and maintaining a healthy body. This work is under the supervision of competent physical directors who keep the record and report all unexcused absences to the faculty.

The gymnasium work is open to the Juniors and Seniors of the college and may be required of the Junior and Senior Academy students.

LITERARY SOCIETIES—

Excellent opportunities for literary improvement and parliamentary training are afforded by the societies of the College. There are four—the Aretean and Erodelphian, sustained by the young women, the Union Literary and the Philomathean, sustained by the young men. These societies do excellent work, a work justly regarded on all hands as of great importance. Every student is required to join one of these. Delinquents are reported to the faculty and are dealt with the same as those who neglect any other required work. Provision will be made for those who cannot, for any sufficient reason join one of the societies. The work of the literary societies is under the direction of the Professor of Oratory.

Two societies have been organized in the Academy and are doing excellent work, the Agathean, sustained by the girls, and the Adelphic, sustained by the boys.

RELIGIOUS SOCIETIES—

Various organizations for the promotion of general religious culture and activity and for the increase of missionary intellgence and zeal are open to all the students. The Young Men's Christian Association and the Young Women's Association hold meetings every week for conference and prayer. Under their direction voluntary classes are formed for Bible and Mission study and methods of work. A volunteer Mission Band holds regular meetings for the purpose of developing the missionary spirit among the students.

Gospel Teams are sent out by the young men of the Christian Associations from time to time during the year and do efficient work in school houses and rural villages.

Under the direction of these societies, the students, members of the Faculty, and friends of the College assist in suppporting a missionary, a graduate of Muskingum, in a foreign field. Contributions are entirely voluntary.

SABBATH AND CHAPEL SERVICE—

Once a month the President preaches to the student body in the College Chapel. Attendance upon this service and also upon the daily chapel exercises is required of every student. Five unexcused chapel cuts result in the loss of one college credit. The students are also required to regularly attend the services of the church of their choice upon the Sabbath. The institution is pervaded by a religious atmosphere and very few of the students remain outside of church membership.

The aim of Muskingum College is to make men, and its ideal of manhood is one who possesses not only a thoroughly trained mind, and a supple and vigorous body, but also spiritual vision, a trained conscience, and a disciplined will.

ORATORICAL ASSOCIATION—

Muskingum College is a member of the Inter-Collegiate Association, of the Tri-State Inter-Collegiate Association, the Prohibition Inter-Collegiate League, and of the Peace Oratorical League. Through these associations she contests with the leading educational institutions of eleven states.

The local association is organized for the purpose of promoting Oratory and Argumentation and has charge of the preliminary contest for the choice of representatives in the Inter-Collegiate meets.

INTER-COLLEGIATE DEBATES—

Muskingum College is attaining high rang among the col-

leges of Ohio in Argumentation. During the past six years 16 Inter-Collegiate debates have been won by Muskingum. Three teams represented the college during the past year winning over Geneva, Wittenberg, and Mt. Union.

TAU KAPPA ALPHA—

Muskingum College was honored during the year 1911 by having established the first sub-chapter in Ohio of Tau Kappa Alpha, the National Fraternity of Honor Men in Oratory and Debate. The membership in the local chapter will be limited to those winning first honors in Inter-Collegiate contests. This is the highest honor given in Oratory and Debate in Muskingum. The gold key of the fraternity has a national significance and the fraternity numbers among its members such men as W. J. Bryan, Senator Beveridge, Gov. Buchtel, and others.

This fraternity is purely honorary and has nothing at all in common with college secret fraternities.

CONTEST PRIZES—

Friends of the College have made provision for the following prizes in Oratory, Debate, Bible Reading, Declamation and Short Story:

I. *The Brown Prizes*—For several years Mr. J. M. Brown of Wheeling, W. Va., a member of the Board of Trustees, and a staunch friend of the college, has given $50.00 in prizes for efficiency in oratory. There are four prizes, two each for ladies and gentlemen, of $15.00 and $10.00, respectively.

II. *The Garvin Prizes*—The late Hon. T. M. Garvin of Wheeling, W. Va., for several years gave $50.00 in prizes to be awarded to those who made the first Debate Team. The College is now looking for some man who will take Mr. Garvin's place and share in the work which he so splendidly began.

III. *The Weaver Bible Prizes*—Mr. J. Riddle Weaver of Canonsburg, Pa., has endowed the Bible Reading Prizes in memory of his wife, Mrs. Myra Law Weaver, and his daughter, Miss Mysie Giffin Weaver. The object of these prizes is to encourage students to cultivate the ability to effectively read the Word of God. The contest is held in April each year. The prizes are three, $7.00, $5.00, $3.00.

IV. *The Weaver Declamation Prizes*—Mr. Weaver has also endowed in memory of his wife and daughter the Declamation Contest which is held each year during the month of May. The prizes are $7.00, $5.00, $3.00. Through this endowment Mr. Weaver has set a worthy example for others to follow and has enshrined in the grateful memory of multitudes his sainted dead.

These generous friends of the College and of Christian education are doing more than they yet realize, as they in this way are helping to stimulate young men and women to their best efforts.

PUBLICATIONS—

The Muskingum College Bulletin is published bi-monthly during the year and furnishes a good deal of interesting and useful information relative to the college and its work. As many as twenty thousand copies of some issues are mailed to a select list. The June number each year is the catalog edition.

The Black and Magenta, a monthly magazine, published by a company of students and professors, is largely instrumental in keeping the Alumni and friends of the College in touch with its progress and work. To the student it furnishes a fine opportunity to cultivate a literary taste and spirit, gain practice in news gathering, editing, proof reading, advertising and other features of newspaper work. Nine numbers are published during the academic year.

The subscription price of the *Black and Magenta* is $1.00 per year.

The College Annual, *THE MUSCOLJUAN,* is published by the Junior Class during the spring term of each year. *The Muscoljuan* is a leather bound volume containing about 190 pages of reading matter and cuts of the different classes and organizations. The price of the book is $1.50 per copy.

LIBRARY—

The College Library comprises over 6,500 bound volumes, besides a large number of magazines and pamphlets. Substantial additions have been made to the library during the past year. Two thousand choice volumes have recently been added through the generosity of Mr. W. S. George. Some liberal and valuable donations have been made, chief among these being the library of the late Samuel Harper of New Concord. Several hundred dollare will be expended for new books before the opening of the college next fall. A trained librarian is in charge.

The students make diligent use of the library. The reading room and reading matter are under careful regulations, which are cheerfully observed. There is provision for a regular increase in the number of books, selections being carefully made to meet the needs of the students.

The Library room is also used as a reading room. The best periodicals and papers are kept constantly on the tables, and every effort is made to furnish the student information on current events.

BUREAU OF SELF HELP—

A bureau of self help has been established for the purpose of assisting young men and women who are working their way. Through this agency a limited number of young people are enabled to do something toward making their own way in College. This work is in the hands of a committee of the Y. M. C. A.

SCHOLARSHIPS—

Hon. William Jennings Bryan has established a Loan Scholarship in Muskingum College from the Philo Sherman Bennett Fund, of which he is a trustee. This scholarship is loaned annually to worthy, poor young men without interest, for a term of years. As the loans are paid they are added to the principal of the Scholarship.

ROTARY SCHOLARSHIP—

The College would earnestly commend to the friends of education our Rotary Scholarship plan for the aiding of worthy young men and women in straightened circumstances who are seeking to secure an education.

Briefly outlined the plan is as follows: Individuals or congregations will be given a scholarship on the payment of $50.00 a year for five years, to the Treasurer of the College, Prof. L. J. Graham, New Concord, Ohio. The donor, or if a congregation, the session, will have the privilege of choosing some poor but deserving young man or woman, who could not otherwise attend College, who will be designated as the beneficiary of this scholarship. The one consideration in the choice of the beneficiary that will be insisted upon by the College is that he must be unable to attend College without this help, and must give evidence of being worthy of such aid. If there should be a number of such young people in a congregation owning a scholarship, the session may make choice by competitive examination, questions for which will be furnished by the Faculty. Should the individual donor or the session of the congregation have no person available, the Faculty will designate a beneficiary from the numerous applicants which are yearly before them. Full information regarding such scholarships will be furnished on application.

The First U. P. Church, Wheeling, W. Va., has the honor of establishing the first of these scholarships. Mrs. Fred Sebring and two daughters have established four scholarships.

A warm friend and supporter of the College furnishes ten of these Scholarships each year for worthy young men in need of help who are studying for the ministry and young women preparing for the mission field.

In no more practical way can individuals or congregations aid worthy young men and women to secure an education than by establishing one or more of these Rotary Scholarships.

THE MUSKINGUM LEAGUE—

This is an organization which is destined to make its power felt in the future history of the College. It is an association of alumni, faculty, trustees, students and friends of Muskingum College, whose members contribute a certain sum each year to improve, repair, equip, and complete the College "plant." Five

hundred members of the *Muskingum League* would in a few years make the College, in material equipment and resources, not only abreast of our progressive age, but worthy of our educational traditions as a denomination. Will you be one of the five hundred.

Those who have it in their hearts to do something for the cause of Christian education, and yet feel that they cannot make a contribution of any large sum, will find an opportunity to do great good through the agency of the Muskingum League. Membership cards will be furnished on application.

THE MUSEUM—

Muskingum College should have had a valuable Museum at this stage of her history, considering her age and her widely scattered and influential alumni, some of whom have obtained distinction as Archaeologists and Egyptologists. No special effort has been made in this direction. But the time has come for advance. There is a good nucleus already. Recently Miss Josephine Martin of Sialkot, India, and Rev. J. H. Martin of Zaferwal ,India, have made valuable donations.

The College will very much appreciate any gift that its friends may make to the Museum.

LECTURE COURSE—

The College maintains a high grade Lecture Course each year. Students are thus enabled to hear the really great lecturers of the country, and the leading musicians and readers. Besides this course, the Conservatory and School of Expression bring some of the leading artists for special recital. Talent already contracted for the year includes: The Boston Musical Club, which is a double quartette, male and female; The Shumann Quintette, made up entirely of artists and presenting "symphonic concerts;" Albert Edward Wiggam, "the apostle of efficiency;" Bishop Frank M. Bristol; Benjamin Chapin, presenting Abraham Lincoln; and Leland Powers, the master of expression.

College Expenses

TUITION AND FEES.

Collegiate Departments—

Tuition, per semester of 18 weeks	$25.00
Fee in Physics, courses 453-454, per semester	2.50
Fee in Physics, courses 455-456, per semester	3.00
Fee in Biology, courses 501-508, per semester	1.50
Fee in Chemistry, courses 551-552, per semester	3.00
Fee in Chemistry, courses 553-554, per semester	4.50
Fee in Chemistry, courses 555-559, per semester	6.00
Breakage Deposit in each course in Chemistry per sem	1.50
Graduation Fee, payable with tuition, second semester of Senior year	5.00
Extra hours over 18, per hour per semster	1.50

For a minimum of twelve recitations, full tuition rates are charged.

Tuition rates for students who have less than twelve hours of recitation per week, are as follows:

One hour per week, per semester	$ 2.30
Two hours per week, per semester	4.15
Three hours per week, per semester	6.00
Four hours per week, per semester	7.90
Five hours per week, per semester	9.75
Six hours per week, per semester	11.60
Seven hours per week, per semester	13.45
Eight hours per week, per semester	15.30
Nine hours per week, per semester	17.20
Ten hours per week, per semester	20.70
Eleven hours per week, per semester	23.70
Incidental, library, and athletic fee, per semester	5.00

This fee entitles the student to the privileges of the library and gymnasium and tickets to the College Lecture Course, and all athletic games and oratorical contests. No student enrolled in any department is exempt from this fee.

Students enrolled in the Conservatory of Music, School of Expression, or School of Art, for two private lessons or more, will be allowed to take one College study without extra tuition.

The rules of the Board require that no student shall be enrolled until his tuition and fees for the semester are paid.

No student will be received ordinarily for less than half a semester nor will any student ever be excused, for any reason

whatever, from paying one-half of the tuition of any semester in which he is enrolled.

No student will be registered for less than twelve hours' work without the written permission of his parents.

When absence is caused by protracted illness, or anything else purely providential, a proper reduction will be made, unless the student retains his standing in class. In such cases no reduction will be made for any reason. For tuition in Music, School of Expression, and School of Art, see these departments.

Children of ministers of any denomination are required to pay but half the tuition in the Academy and College Courses. No reduction is made for them in the Summer School, Special Departments, or College Fees.

ACADEMY DEPARTMENT

Tuition, per semester, of eighteen weeks	$22.00
Extra hours over 21, per week, per semester	1.25
Fee in Physics, per semester	1.50
Incidental, library, and athletic fee, per semester	5.00

This fee entitles the Academy student to the same privileges as the college student, as noted above. No student is exempt from this fee.

Students in the College or Academy paying full tuition have the privilege of taking the common branches in the Teachers' Review Course without extra charge.

For fifteen or more recitations per week full tuition rates are charged. Students enrolled for less than fifteen hours of recitation per week will be charged $1.50 per hour each semester.

No student will be registered for less than fifteen hours' work without permission of his parents.

ESTIMATED NECESSARY EXPENSES

Tuition and Fees for the year—36 weeks	$ 54.00 - 60.00
Furnished room with heat and light	36.00 - 42.00
Boarding	95.00 - 110.00
Books	10.00 - 18.00
Total	$195.00 - 230.00

Entrance Requirements

ADMISSION TO FRESHMAN CLASS.

For unconditioned entrance to Freshman class 15 units of recognized preparatory work must be presented. The unit course of study in a secondary school is a course, covering an academic year of not less than 36 weeks and requiring 120 sixty minute hours for its completion. The Science units must include laboratory work. Two hours of laboratory work are equivalent to one hour in the class room.

CLASSICAL COURSE.

The candidate should present

English	3 units
Mathematics	3 units
Latin	4 units
History	1 unit
Science	1 unit
Elective	3 units

SCIENTIFIC COURSE

The candidate should present

English	3 units
Mathematics	3 units
Foreign Language	4 units
History	1 unit
Science	2 units
Elective	2 units

PHILOSOPHICAL COURSE

The candidate should present

English	3 units
Mathematics	3 units
Foreign Language	4 units
History	1 unit
Elective	4 units

ELECTIVE SUBJECTS

The elective work may be chosen from the following subjects:

TABLE OF CREDITS ALLOWED.

English Composition and Rhetoric	2	4
English Classics	1	
English Literature	1	
Latin	2 to 4	7
Greek	2	
German	2	
French	2	

History, General	1	2
History, Greek and Roman	1	
History, English	1	
History, United States and Civics	1	
Algebra	1½	3½
Plane Geometry	1	
Solid Geometry	½	
Trigonometry	½	
Physics wtih Laboratory Work	1	3
Chemistry with Laboratory Work	1	
Physiography	½	
Botany	½	
Zoology	½	
Geology	½	
Astronomy	½	
Political Economy	½	½
Psychology	½	
Pedagogy	½	

Agriculture, Freehand Drawing, Manual Training, Domestic Science credit may be allowed for one unit.

The figures to the extreme right indicate just how many units may be chosen from each group in making up the sum total of 15 units.

Candidates entering the Classical Course should offer four units of Latin. Candidates entering the Scientific Course should offer two units of Latin and 2 units of German, altho 4 units of ancient language may be offered and the German taken as college work. To receive full credit, 2 units of any language should be presented.

A description of the English entrance requirements will be found among the Academy courses.

Any student having 13 units properly distributed among the groups may be admitted to the Freshman class, conditioned in the two remaining units. These conditions must be removed by the end of the Sophomore year. The Summer Term offers an excellent opportunity to make up deficiencies. Those entering from recognized and accredited high schools should present certificates from the high school authorities showing in detail the work offered as Entrance Requirements.

Applicants coming from other institutions should bring a certificate of standing and of honorable dismissal.

Graduates from the Academy pass without examination to the corresponding course of the Freshman class in College.

Students who are not candidates for a degree may be admitted to the College, provided they give satisfactory evidence to the Faculty that they can profitably pursue the studies which they may elect

ADMISSION TO ADVANCED STANDING.

Students who present letters of honorable dismissal from other colleges of recognized rank may be admitted to advanced standing subject to proper adjustment. Every such applicant is required to present, along with a catalog of the institution in which he has studied, a detailed statement, duly certified, of all the studies he has completed, including the entrance studies for which he has credit.

MASTER'S DEGREE.

The degree of Master of Arts is open to graduates of Muskingum College or of other institutions maintaining a similar standard.

The candidates will be required to complete an advanced course consisting of one major and one minor and a total of at least 30 credit hours. At least one year's work will be required of all candidates for this degree, and the quantity and quality of the work done will determine whether it can be finished in this time. The head of the department in which the major is taken will act as advisor and the minor must be chosen with his consent.

Candidates for the Master's Degree when enrolled by the Registrar will be charged a fee of $25.00, and at the expiration of six months an additional $10.00, which will cover the entire expense of the course, including diploma.

Credit and Classification

THE CREDIT UNIT—

The subjects pursued in the College are offered in courses of study and credits for work accomplished are given in semester hours. By a credit hour of one unit is meant one hour recitation a week throughout the semester. A student taking sixteen hours a week of college work receives sixteen credits for that semester, and if such work is continued a year he receives thirty-two credits.

REQUIREMENTS FOR GRADUATION—

In each course of study the requirement for graduation is 128 credits as described above. The number of required and elective credits can be found by consulting the outline of courses in this catalog.

CLASSIFICATION—

The class to which the student is assigned depends upon the number of credits as shown on the books of the Registrar at the opening of the school year. Those meeting the entrance requirements and those having conditions in two units or less are classified as Freshmen.

The requirements for the other classes are as follows: Sophomore, minimum 24 credits; requirement in full, 32 credits. Junior, minimum 56 credits; requirement in full, 64 credits. Senior, minimum 88 credits; requirement in full, 96 credits. Graduation, 128 credits.

AMOUNT OF WORK—

16 hours of work are required each semester in order to complete the required number of hours in four years. No student may be enrolled for more than eighteen credit hours of work, exclusive of physical culture, except by permission of the Faculty. No student may change his course of study without permission of the Committee on Classification.

SPECIAL COLLEGE STUDENTS—

The effort is to have each student in the College become a candidate for some degree and take a regular course. For various reasons some students may be unable to take the full College course. These are enrolled as Special College students. To this list are eligible those who, in addition to their work in the Conservatory, School of Expression, or School of Art, desire to carry some College work; also those who are pursuing special studies. Special College students may become candidates for a degree upon a vote of the faculty. Upon application they will be given credit for the amount of work accomplished.

Courses of Study

Three general courses of study are offered:

The Classical Course—Leading to the degree of A. B.

The Scientific Course—Leading to the degree of B. S.

The Philosophical Course—Leading to the degree of Ph. B.

Special two year courses are offered in Agriculture, Domestic Science and Teachers' Normal.

REQUIREMENTS FOR GRADUATION IN DIFFERENT COURSES.

FOR DEGREE OF BACHELOR OF ARTS—

The major requirement shall be a minimum of 40 hours of language of which 22 must be and of which 28 may be Greek. The maximum number of hours of language which may be taken is 64, of which 16 may be Modern Language. Four years of preparatory and one year of College Latin are required in this course.

FOR DEGREE OF BACHELOR OF SCIENCE—

To obtain this degree courses in science aggregating 40 hours must be taken. If two years of Modern Language are presented as part of the entrance requirements, one additional year of Modern Language will be required. If no Modern Language is presented, then two years must be taken in the College course.

FOR DEGREE OF BACHELOR OF PHILOSOPHY—

If the work taken is not along the distinctive requirements for the B. A. or B. S. degree, but is elected from the fields of Philosophy, Political Science, English, History and Mathematics, then the degree of Bachelor of Philosophy shall be granted on the satisfactory completion of 128 hours of college work. Certain electives in Music, Art and Oratory may be accepted for this degree.

REQUIREMENTS FOR ALL COURSES—

English	11 hours
Evidences of Christianity, Ethics and Philosophy of Theism	7 hours
Economics	6 house
Philosophy	9 hours
Mathematics for the B. A. Degree	6 hours
Mathematics for the B. S. Degree	9 hours
Oratory and Public Speaking	6 hours
History	6 hours

No credit will be given for less than one year of beginning language. The determining requirements of 40 hours added to the other requirements of 66 hours total 106 hours, leaving 22 elective. Additional flexibility is given the courses by selection from the requirements of all the courses.

OUTLINE OF COURSES.

For the A. B. Degree.

Freshman Year.

Greek, 351, 352	4 hours
Latin, 51, 52	3 hours
English, 201, 202	4 hours
Mathematics, 301, 302	4 hours
Bible, 2	1 hour

Sophomore Year.

Greek, 353, 354	4 hours
Oratory and Public Speaking, 251, 252	3 hours
Bible 3	1 hour
Elective	8 hours

Junior Year.

Psychology, 152, 154	3 hours
Greek 355, 358	3 hours
Political Economy, 76, 77	3 hours
Bible 4	1 hour
Elective	6 hours

Senior Year.

Evidence of Christianity, 159	2 hours
Philosophy of Theism, 158	2 hours
Ethics, 155, 156,	4 hours
Bible, 5	1 hour
Elective	9 hours

For the B. S. Degree.

Freshman Year.

English, 201, 202	3 hours
Biology, 501, 502	4 hours
Mathematics, 301, 302	4 hours
German, 430, 431 or 434	3 hours
Bible, 2	1 hour

Sophomore Year.

Chemistry, 553, 554	4 hours
Oratory and Public Speaking, 251, 252	3 hours
Bible, 3	1 hour
Elective	8 hours

RECITATION HALL

Girls
Gym
Class.

Boy's Gym.

Junior Year.

Psychology, 152, 154	3 hours
Physics (College), 453, 454	4 hours
Bible, 4	1 hour
Political Economy, 76, 77	3 hours
Elective	5 hours

Senior Year.

Evidence of Christianity, 159	2 hours
Philosophy of Theism, 158	2 hours
Ethics, 155, 156	4 hours
Bible, 5	1 hour
Elective	9 hours

For Ph. B. Degree.

Freshman Year.

English, 201, 202	3 hours
Mathematics, 301, 302	4 hours
Bible, 2	1 hour
Elective	8 hours

Sophomore Year.

French, 401, 402	4 hours
Oratory, etc., 251, 252	3 hours
Bible, 3	1 hour
Elective	8 hours

Junior Year.

Psychology, 151, 154	3 hours
French, 403, 404	4 hours
Political Economy, 76, 77	3 hours
Bible, 4	1 hour
Elective	5 hours

Senior Year.

Evidences of Christianity, 159	2 hours
Philosophy of Theism, 158	2 hours
Ethics, 155, 156	4 hours
Bible, 5	1 hour
Elective	9 hours

Sophomore Electives.

Latin, 53, 54	3 hours
English, 203, 204, 205	3 hours
German sc., 432, 433, 434	3 hours
Botany, 503, 504	4 hours
Zoology, 505, 506	3 hours
History, 101, 102, 103	3 hours

Junior Electives.

Sociology, 78	2 hours
English, 206, 207, 208, 209	3 hours
History, 104, 105	3 hours
Mathematics, 305, 306	3 hours
German, 426, 427	4 hours
Logic, 307	2 hours
Biology, 507, 508	4 hours
Chemistry, 555, 556	4 hours

Junior Public Speaking

Senior Electives.

Geology, 526	3 hours
Chemistry 557, 558	4 hours
English, 210, 211	3 hours
Political Science, 79, 80	3 hours
History of Education, 160, 161	3 hours
History of Philosophy, 157	4 hours
Physics, 455, 456	4 hours
Astronomy, 308	3 hours
German, 428, 429	3 hours
Greek, 357, 358, 359	3 hours
French, ph., 405, 406	3 hours

Senior Elocution and Oratory.

COURSES IN AGRICULTURE, DOMESTIC SCIENCE, ETC.

By an arrangement with the Ohio Sate University students desiring to take a four year's course in Agriculture, Horticulture, Forestry or Domestic Science, may take two years at Muskingum and complete the course in two years at Ohio State.

The following arrangement of courses has been approved by the Faculty of the College of Agriculture of the Ohio State University:

THE FOUR YEAR COURSE IN AGRICULTURE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE.

A student who has received college credit for the seventy-four hours of work outlined below would be able to complete the Course in Agriculture at the University in two years, as he would have to complete only sixty-eight semester hours of the more technical work of the course.

College work for which the student should have credit at entrance in order to complete the requirements for the degree in two years:—

Subject	College Semester Credit Hours
Chemistry	8 hours
Zoology	6 hours
English	6 hours
Geology	6 hours
Botany	8 hours
Physiology	6 hours
Modern Language	8 hours
American History of Economics	6 hours
Other College Work	20 hours

A student offering the above 74 hours college credit will be required to complete the following work in the University before being granted the degree of Bachelor of Science in Agriculture:

Subject	University Semester Credit Hours
Animal Husbandry (101, 102)	8 hours
Drawing (125)	2 hours
Shopwork (101, 102)	4 hours
Agriculture Chemistry (103, 104)	10 hours
Agronomy (101-4-6)	12 hours
Entomology (107, 108)	6 hours
Dairying (101)	4 hours
Horticulture (118)	4 hours
Meteorology (101)	2 hours
Junior Elective	8 hours
Rural Economics (103, 104)	8 hours
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THE FOUR YEAR COURSE IN HORTICULTURE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN HORTICULTURE.

To complete the work for this degree in two years at the University the students should have college credit upon entrance for the same 74 hours' work mentioned under the Course in Agriculture. He would then be required to take in this college the following:—

Subject	University Semester Credit Hours
Horticulture (101-2-3-4-5-6-7-8-9-10)	37 hours
Drawing (125)	2 hours
Shopwork (101-2)	4 hours
Agriculture Chemistry (103, 104))	10 hours
Entomology (107, 108)	6 hours

Physiology Botany (125, 126)	8 hours
Agronomy (104)	4 hours
Meteorology (101)	2 hours
	73

THE FOUR YEAR COURSE IN FORESTRY LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN FORESTRY.

To complete this course in two years, at the University the student should have college credits at entrance for the 74 hours mentioned above, except that 16 hours of Modern Language are required and Mathematics (college algebra and trigonometry) should be substituted for Zoology. Physics should be elected is possible.

To complete the course the following work would then be required:—

Subject	University Semester Credit Hours
Drawing (101)	4 hours
Forestry (101-2-3-4-5-6-7-8-9-10)	29 hours
Entomology (109-10)	6 hours
Advanced Botany (117, 118, 125, 126)	18 hours
Meteorology (101)	2 hours
Civil Engineering (121)	6 hours
Agronomy (104)	4 hours
	69

THE FOUR YEAR COURSE IN DOMESTIC SCIENCE LEADING TO THE DEGREE OF BACHELOR OF SCIENCE IN DOMESTIC SCIENCE.

In order to complete the required work for this degree in two years at the University the student should have college credit at entrance for at least 74 hours of work which must include the following subjects:—

Subject	College Semester Credit Hours
General Chemistry	8 hours
Organic Chemistry	5 hours
Zoology or Botany	6 or 8 hours
Modern Languages	16 hours
Physiology	6 hours
Economics	5 hours
Enlish	6 hours
Elective Subjects	20 hours
	74 or 76 hours

TEACHERS' NORMAL COURSE.

Sincerely desiring to be of service to that large number of young men and women who are looking toward teaching as a calling, and who do not feel themselves able to meet the expense of a college course, Muskingum College offers the following course of study, on the completion of which the students receive a Teachers' Normal Diploma and a certificate, testifying to the work done. The prerequisite to this course is the Academy course or a first grade high school course. It can be readily seen that this course contains all the subjects ordinarily taught in elementary or high schools.

The completion of the Normal Course will be an excellent preparation for teaching in the elementary schools, high schools and academies.

Those who enter for this course have all the privileges enjoyed by other students, and are under the same regulations.

We are confident that it will be a great benefit to any teacher to thoroughly complete this course. The teacher who has a true ambition and a high ideal will, however, desire to go on from this point and complete one of the other courses. Full credit will be given on the other courses for work done in this. After completing this course the student can complete either the Scientific of the Philosophical course in two years, or (by some extra work in Greek) the Classical course in two years.

TEACHERS' NORMAL COURSE.

The Freshman Year.

Biology	Courses 501, 502.
Latin or German	Courses 51, 52, 430, 431.
English	Courses 201, 202.
Psychology (Elem.)	Courses 151.
Bible	Course 1.
Elective, three hours.	

The Sophomore Year.

Psychology	Courses 152, 154.
History of Education	Courses 160, 161.
Bible	Course 3
Elective, Eight hours.	

The electives chosen will depend on the work one expects to teach.

Statement of Departments

DEPARTMENT OF BIBLICAL SCIENCE.

President, J. Knox Montgomery .

Assistant, Professor John Irwin Stewart.

The aim of this department is to awaken in the student a love for the English Bible and give him a comprehensive view of its contents; to lead the student to appreciate the Bible as most interesting and profitable literature. The Bible itself is the principal textbook.

Its divine origin gives it a rank above all other books. For mental training its infalliable truths are superior to all mere human knowledge. Its literature is the inspiration of all the world's best literature. As history it reveals God as the author of all things from the beginning. It reveals God's methods in history for three thousand years. It challenges the obeisance of all human thought and action. It reveals the only perfect code of morals, and is the final test of ethical philosophy. It is the source of all spiritual life and growth when applied and sealed by the Holy Spirit, its divine author.

These propositions are assumed and acted upon at Muskingum. Hence we make the Bible the textbook of all the classes, and we seek to make the Bible course the unifying course of all sound learning. We study the Bible itself and not books about the Bible. Few helps are used and these only so far as they aid in the study of the Bible itself. We follow the historical thread from Genesis to Revelation. We do not teach Symstematic Theology, while we do emphasize the great fundamental truths of Revelation. We do the same sort of drill work in the Bible classes as in other departments of Study. We assume the infallibility and inspired nature of the Book from the very beginning; we do not count it a common textbook. We hold that no education is complete which has no comprehensive knowledge of divine truth to give complexion to all else.

The following courses are offered:

1. SENIOR ACADEMY—

Patriarchal and Hebrew History, from the Creation to Solomon. One hour per week throughout the year.

2. FRESHMAN CLASS—

Hebrew History, together with Poetry and Prophecy. One hour per week throughout the year.

3. SOPHOMORE CLASS—

Continuation of Course II, and beginning the Life of Christ. One hour a week for the year.

4. JUNIOR CLASS—

Life of Christ. The Four Gospels. One hour a week for the year.

5. SENIOR CLASS. . ?

The Propagation of the Gospel, the Acts and Epistles. One hour a week for the year.

Special attention is given to Bible Geography and contemporaneous history.

DEPARTMENT OF LATIN.

Professor T. H. Paden.

Assistant, Miss Nevada Mehollin.

Courses in Latin are offered in the Freshman and Sophomore years. Throughout the course Latin Literature will be studied. The following courses or their equivalents will be offered:

51. LIVY OR TACITUS—

First semester, Freshman year, 3 hours.

52. CICERO'S ESSAYS—

De Senectute and Amicitia. Second semester, Freshman year, 3 hours.

53. HORACE—

Selections from his Odes, Epodes and Satires. First semester, Sophomore year, 3 hours.

54. LATIN SELECTIONS—

Second semester, Sophomore year, 3 hours.

DEPARTMENT OF POLITICAL PHILOSOPHY.

Prof. T. H. Paden.

The purpose of the course in Political Philosophy is that the student may master the first principles of the different departments of this science, and may study the application of these to the life of society. The following courses are offered:

76-77. PRINCIPLES OF ECONOMICS—

This course is not open to Freshmen. First and second semesters, 3 hours.

78. SOCIOLOGY—

An elementary work is used as a basis in this study. This course is not open to Freshmen. Second semester, 2 hours.

79. POLITICAL SCIENCE—

A Study of the State—its origin, its forms and its ends. A comparative study of the Constitutions and Constitutional Law of a number of the leading states of the world.

This course is not open to Freshmen and Sophomores. First semester, 4 hours.

80. THE ELEMENTS OF INTERNATIONAL LAW—

This course will be devoted to the study of the law of peace, the law of war and the law of neutrality.

This course is not open to Freshmen and Sophomores. Second semester, 2 hours.

DEPARTMENT OF HISTORY.

Professor J. I. Stewart.

101. EUROPEAN HISTORY (MEDIEVAL)—

This course covers the period from the reign of Charlemagne, tracing the formation and development of the nations of Western Europe up to the time of the Renaissance, with a brief survey of the earlier history from the fall of Rome. Readings of historical sources and special reports will be required at the discretion of the Instructor. The History of Western Europe by Robinson will be used as a text. Freshman year, first semester, 3 hours.

102. EUROPEAN HISTORY (MODERN)—

This course is a continuation of Course 101, taking up the history of Western Europe from the Renaissance and bringing it down to the present time. Readings and reports will be required as in Course 101. The same text will be used. Freshman year, second semester, 3 hours.

103. BIBLE HISTORY—

This course comprises a general survey of Bible History. It is designed to show the value of the Bible from the historic point of view. Blaike's Manual of Bible History is the text. Sophomore year, second semester, 3 hours.

104. ADVANCED UNITED STATES HISTORY (THE COLONIES AND THE FORMATION OF THE UNION)—

A careful study of the development of the American Nation and Institutions will be made from the time of the discovery of America to the War of 1812. Special attention will be given to the causes of the Revolution, the formation of the Constitution,

and establishment of the government under it. Social and general economic conditions will be carefully considered. In connection with the text book considerable library work and the preparation of theses on special topics will be required. Epochs of American History, edited by Hart, will be used as a guide in this course. Junior year, first semester, 3 hours.

105. ADVANCED UNITED STATES HISTORY (19TH CENTURY)

This course is a continuation of Course 104 taking up the history from the War of 1812 and bringing it down to the present time. Special attention will be given to the growth of the National Government through the contests over Slavery and States' Rights. As in course 104 social and economic conditions will receive careful attention. Also library work and theses will be required. Second semester, 3 hours.

106. ECONOMIC HISTORY OF THE UNITED STATES—

A careful study of the development of American commerce, industries, and general Economic conditions will be made from the colonial period to the present time. Bogart's Economic History of the United States will be used as a text. Prerequisite, Courses 104 and 105. First semester, 3 hours.

107. CONSTITUTIONAL HISTORY OF THE UNITED STATES—

In this course attention will be given to the essentials of our civil development; the origin of our civil system, its principles, its adaptation by amendment and construction, and its interpretation by the courts—Thorpe. Prerequisite, Courses 104 and 105. Semester, 3 hours.

108. EARLY ENGLISH HISTORY—

A course in general English History from the early times to the reign of the Tudors. Emphasis will be laid on the formation of the Nation and the development of its Constitution. The study of special topics will be required. First semester, 3 hours.

109. MODERN ENGLISH HISTORY

A continuation of Course 108 taking up the history from the Tudor period and bringing it down to the present time. A study of the contest for colonial and commercial supremacy, of the industrial revolution, and of the social and political reforms which have contributed to the development of the England of today. A text book will be supplemented by lectures on the English Constitution and government. Second semester, 3 hours.

110. EUROPEAN HISTORY. (17TH AND 18TH CENTURIES)—

This course is a comprehensive study of European History during the time of the political revolutions following the Treaties

of Westphalia to the downfall of Napoleon. Library work and theses will be required. First semester, 3 hours.

111. EUROPE IN THE 19TH CENTURY—

A careful study of European History from 1815 to the present time. The growth of nationality and constitutional government, social and economic progress, and problems of the day will receive special attention. Library work and theses will be required. Second semester, 3 hours.

DEPARTMENT OF PHILOSOPHY AND EDUCATION.

Prof. John Coleman.
Prof. C. J. Marshall.

151. ELEMENTARY PSYCHOLOGY—

This course will have for its object the study of the elements of psychology, especially as they lead to the formation of correct habits of study. The textbooks will be changed from time to time. No credit will be given for this course unless taken in class. Freshman—all courses, first semester, 2 hours.

152. PSYCHOLOGY—

A study of the laws and phenomena of the mind. The relation of mental to neural life, the development of habit, memory, and imagination, and the nature and place of instinct, emotion, and will are considered. Enough attention is given to abnormal psychology to enable the student to recognize the presence of abnormal conditions. Text, James' Psychology (Briefer Course), Pillsbury's or Angell's. Required readings with reports. Junior first semester, 3 hours.

153. SOCIAL PSYCHOLOGY—

A scientific study of the social factor in the development of the mind and in the explanation of its contents. Leads to the consideration of many social questions from a new viewpoint that is both interesting and enlightening. Text, Ross' Social Psychology, which is the best English development of Gabriel Tarde's famous Lois de l'imitation. Reports on outside reading and investigation required. Junior, first semester, 2 hours.

154. GENETIC PSYCHOLOGY—

An investigation of the development and organization of the personality. The child is considered as a member of society and as finding himself and his powers of intellect, conscience, etc., through interaction with his fellows. The course is intended as an aid to those who are finding their life work in the field of education and as a preparation for a more thorough understanding of ethics. Text, Baldwin's Social and Ethical Interpretations. Juniors, second semester, 3 hours.

155. THEORETICAL ETHICS—

The aim is to ascertain the field of responsibility, the elements of the moral nature, the true foundation of virtue, and from these an adequate conception of human obligation. The great systems of ethical philosopy are considered and one distinctively Christian proposed as an ideal. Textbook and library work on assigned topics. Senior, first semester, 3 hours.

156. PRACTICAL ETHICS—

A companion course to the preceding which is a prerequisite. The effort is made to show by induction from concrete cases the sufficiency of the Christian standard of morality and its solution of marginal questions in practical life. Senior, first semester, 1 hour.

157. HISTORY OF PHILOSOPHY—

A study of philosophical theory from the time of Thales to the day. Special attention is paid to the interaction of philosophical developments and social conditions; also to the fundamentals which philosophy supplies to psychology, sociology, ethics, educational theory, and the physical sciences. Text, Rogers' Student's History of Philosophy, with assigned readings. Elective for Seniors. Second semester, 4 hours.

158. PHILOSOPHY OF THEISM--

An investigation of the ways in which reason and the works of nature prove the existence and the wisdom and the goodness of God. The common arguments are presented in the form demanded by modern thought. Senior, second semester, 2 hours.

159. EVIDENCES OF CHRISTIANITY—

The object of this course is to present the most generally accepted evidence of the fact that Christianity is a divinely revealed religion. The arguments for the authenticity and credibility of the Bible, and the arguments from miracles, prophecy, the fruits and the spread of Christianity are examined. Senior, first semester, 2 hours.

160-161. EDUCATION—

In this course there is attempted a general survey of ancient medieval and modern educational theories, methods, institutions and curricula, together with the underlying philosophy. Changes in the social, religious, cultural and industrial spheres are noticed in so far as they affect present day education in any of its phases.

The history of education in China, Greece, and Rome and of the Middle Ages will be studied. Collateral readings and theses on assigned subjects will be required. Senior elective. first semester, 3 hours.

The theory and ideals formulated during the Renaissance period and their change and development into the present day theory and practices will be traced out so far as it is desirable and practical. Supplementary reading in educational classics. Senior elective, second semester, 3 hours.

DEPARTMENT OF ENGLISH.

Professor Leonard J. Graham.

Assistant, Beulah Brown.

201-202. COMPOSITION—

These courses consist of a vigorous practice in theme-writing, text book work, and conferences. Much of the work will be based on literary models selected from both English and American literature. Required of all Freshmen. Text book, Scott and Denney's Paragraph-Writing. 3 hours throughout the year.

203. STUDY OF WORDS—

For Sophomores taking Philosophical or the Classical course. Text, Greenough and Kittredge's Words and Their Ways in English Speech. First semester, 2 hours.

204. PROSE FICTION—

Bliss Perry's text book is supplemented by a careful reading and criticism of selected novels. Sophomore, second semester, 3 hours.

205. CHAUCER AND SPENCER—

The Prologue. The Knight's Tale and some parts of the Faerie Queene. This course includes a study of the life, language and literature of the period represented by these authors. Second semester, 2 hours.

206. LITERARY CRITICISM—

A study of Masterpieces in prose and poetry with Winchester's text book as a guide. Open to Juniors, first semester, 2 hours.

207. MILTON AND OTHER SEVENTEENTH CENTURY POETS—

This is a Junior study and includes the Puritan movement. A somewhat extensive study of epic poetry will be made in connection with the reading and criticism of Paradise Lost. First semester, 3 hours.

208. ADVANCED RHETORIC—

This course provides for a study of the whole theory of effective discourse. Provision is also made for criticism and con-

struction. Each student will prepare at least one thesis for public recital. Juniors, second semester, 3 hours.

209. DRAMATIC POETRY—

Considerable attention is given to the nature, origin, and development of this form of literature. Some of Shakespeare's plays will be read and a few of them will be studied critically. Other dramas will be read out of class. Second semester, 2 hours.

210. LINGUISTICS—

A study of the subject of language for Seniors. (Elective.) First semester, 3 hours.

211. SHORT STORY AND ESSAY—

The best essays and short stories will be read and discussed in class. Reports assigned for reading out of class will be required. Original work in writing and short story will be done by the student. Seniors, second semester, 3 hours.

See also courses under departments of Oratory and Expression.

DEPARTMENT OF ORATORY AND EXPRESSION.

Professor Wilbur C. Dennis.

The school of expression has in view two departments; Public Speaking and Reading. Our aim is, through voice development and technique of action, to make capable public speakers and interpreters of the best literature. Interpretation and not merely "speaking pieces" is the end sought.

The importance of the art of speaking is no longer questioned by any one. The only question is how to attain to proficiency in the art. Following the well known maxim that we learn to do by doing, the method in use in all these classes is the practical method. Students are not taught to imitate anyone, but to be themselves at their best. If individuality and personality count for anything this is the only way to attain success in speaking. Naturalness; ease, complete mastery of the subject, conversational manner in delivery, well managed voice and gesture, putting the subject ahead and the speaker behind—these are the things that make up a good speech or a good reading, and these are the things we are after in our class work.

The following courses are offered in this department:

251. PRINCIPLES OF ELOCUTION—

This course embraces the study of the vocal organs and muscles, respiration, vocal culture, emphasis, articulation and pronunciation, the generic elements of Vocal Expression—Quality, Force, Pitch and Time—and the technique and Conception of Action.

Fulton and Trueblood's Practical Elocution is the text. Required of all Sophomores, first semester, 3 hours.

252. ARGUMENTATION AND DEBATE—

This course presents the vital principles of argumentation. Analysis and statement of the question, evidence, proof, briefing, inductive and deductive argument, fallacies, refutation—all these and more are studied in class. The class is divided into teams of two or three each and regular debates involving the laws studied are held. Written debates together with two or more oral debates will be required of all Sophomores. Second semester, 3 hours.

253. LITERARY ANALYSIS AND INTERPRETATION—

Analytic Study of literary masterpieces, memorizing and interpreting these selections by members of the class. Vocal culture, Drill in Action, Rostrum Business and Sight Reading. First semester, 3 hours.

254. SHAKESPEARE—

Analysis, study of character, plot and incident of one of Shakespeare's plays, together with a careful expressional reading of the entire play and memoriter rendition of the principal scenes. Second semester, 3 hours.

255. ADVANCED DEBATE—

This course is open only to those who make the College debate teams. These teams are selected through a preliminary debate held early in the first semester. It will consist in actual debates between the different teams and a study of all sides of the question selected for the intercollegiate debate. First semester, 2 hours.

256. PARLIAMENTARY USAGE—

A study of Robert's Rules of Order. The class will be organized into various societies where questions of the day will be discussed giving the students a practical drill in parliamentary debate and legislation. First semester, 2 hours.

257. BIBLE READING—

Critical study of the text sufficient to insure intelligent reading and practice in reading before the class. Natural, conversational, reading is cultivated, with constant effort to read ideas, not words. The course is especially recommended to those who expect to take up the ministry, and to any especially interested in church work.

Curry's Vocal and Literary Interpretation of the Bible will be used as a guide. Second semster, 2 hours.

258. ORATORY—

Study of the great orators, their methods, characteristics

and orations, together with a memoriter rendition of some of them by each member of the class. First semester, 2 hours.

259. ORATORY—

Occasional speeches, preparation and delivery of at least one original oration, one topical speech and one critique by each member of the class. Second semester, 2 hours.

260. PRIVATE LESSONS—

This course will be adapted to the individual needs of the student. One hour. Throughout the year. Credit may be given for this course at the discretion of the instructor.

All the above courses are elective except Courses 251 and 252, which are required of all Sophomores; and no one can enter any of the higher courses except Courses 255 and 256, without having had Course 251.

Those wishing to graduate from the School of Expression will be required to take all the above courses except Course 255, and to prepare two full public programs and an original adaptation of one standard work of fiction for a graduating recital.

Furthermore, no student will be granted a diploma from this department who has not a bachelor's degree or its equivalent.

DEPARTMENT OF MATHEMATICS, LOGIC, AND ASTRONOMY.

Professor J. A. Gray.

301. PLANE TRIGONOMETRY—

Trigonometrical functions, Goniometry, Plane Triangle. Required of all Freshmen. First semester, 3 hours.

302. SPHERICAL TRIGONOMETRY—

Spherical Triangles, Applications to Astronomy, Solid Geometry a prerequisite. Required of all Freshmen. Second semester, 3 hours.

303. COLLEGE ALGEBRA—

Logarithms, Interest and Annuities, Choice and Chance, Variables and Limits, Theory of Equations. Required for degree of B. S. First semester, 3 hours.

304. ANALYTICS—

Application of rectilinear and polar co-ordinates to conic sections, etc. Required for degree of B. S. Second semester, 3 hours.

305. SURVEYING AND NAVIGATION—

Land Surveying, Leveling, Railroad Curves, Plane Sailing, Parallel Sailing, Middle Latitude Sailing, Great Circle Sailing. Junior Year. Second semster, 3 hours.

306. CALCULUS—

Differential and Integral. Junior year, first semester, 3 hours.

307. LOGIC—

Fundamental laws of thought, the Notion, Concept, Division, Definition, Deduction, Reduction, Modified Forms, Fallacies. Junior year, second semester, 2 hours.

308. ASTRONOMY—

The aim will be to understand in a reasonable degree the evidence by which some of the most interesting and really astounding propositions are maintained. Analytics a prerequisite. Senior year, first semester, 3 hours.

DEPARTMENT OF GREEK.

Prof. C. J. Marshall.

351-352. ELEMENTARY GREEK—

Open to all college students who have entered without preparatory Greek. White's First Greek Book, Xenophon's Anabasas. During the year an effort is made to secure the mastery of essential inflections, the acquisition of a working vocabulary, a familiarity with the irregular verbs and a knowledge of the basic principles of Greek syntax. Required of all Freshmen in the Classical course not offering Greek for admission. Freshman 4 hours a week, one year.

353-354—XENOPHON'S ANABASIS—

Four books completed. Plato's Apology and Grammar and Composition. Study of life of Socrates and of the Sophists. Required of Sophomores in Classical course. Four hours a week, one year.

355. HOMER'S ILIAD—

Attention is given to the Homeric dialect, scansion and Mythology. First semester, 3 hours.

356. DEMOTHENES DE CORONA—

Study of Grecian oratory. Second semester, 3 hours.

357. THE GREEK DRAMA—

Euripides Medea will be read in 1913-1914, together with another yet to be selected. First semester, 3 hours.

358. NEW TESTAMENT GREEK—

Selections from the Gospels and Epistles. A careful study of New Testament forms is made as well as of the uses of Moods and Tenses. Second semester, 3 hours.

359. GREEK HISTORY—

When elected by a sufficient number, selections will be read from Herodotus, Thucydides and Xenophon. 3 hours.

DEPARTMENT OF FRENCH.

Professor Mary Sharp.

Assistant, Mary Elizabeth Stewart.

401-402. ELEMENTARY FRENCH—

Fraser and Squair's Grammar. Careful drill in verb forms, dictation, conversation. Reading of such texts, as Le Voyage de M. Perrichon, Le Gendre de M. Poirer, etc. Sight reading. Constant drill in pronunciation. Throughout the year, four hours. Sophomore ph.

403-404. LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURY—

Review of grammar. Reading of easy texts out of class with resumes of the same. Study of a brief history of French literature. Dictation. Sight Reading. Conversation. First and second semesters, Senior sc. and cl. Junior ph. Four hours.

405-406—REPRESENTATIVE POETRY—ADVANCED FRENCH PROSE—

A study of the longer poems of De Musset, Hugo, Lamertine, etc. Weekly themes. Composition. Conversation. First and second semester, three hours Senior ph. Elective.

DEPARTMENT OF GERMAN.

Professor Mary E. Sharp.

Assistant, Mary Elizabeth Stewart.

The object of these courses is to give a knowledge of the elements of syntax and composition and facility in reading and speaking the German language. The first courses are elementary in character and as they advance, the study of the language claims increasing attention. Supplementary reading is encouraged and themes are required to be written in German from topic assigned *which require independent work.*

426--427. ELEMENTARY GERMAN—

Includes daily reading, composition and study of grammar. Frequent exercises in dictation. Sight reading. Conversation. Bacon's German Grammar. Bacon's Im Vaterland. Throughout the year, four hours. Junior cl.

428-429. ADVANCED GERMAN—

Composition. Reading of recent German prose and simple lays of Lessing, Goethe or Schiller. Sight reading. Daily conversation based on the reading. Throughout the year, four hours, Senior cl.

430-431. MODERN GERMAN DRAMAS—

Reading from the more difficult modern dramas. Pope's Prose Composition Conversation. Sight reading. First and second semesters, three hours. Freshman sc.

432. SCHILLER

His life work and times with selected readings from his lyrics, prose and dramas. Composition based on the text. First semester, three hours. Sophomore sc.

433. GOETHE—

His life work and times with selected readings from his lyrics, prose and dramas. Composition. Second semester three hours. Sophomore sc.

434. A RAPID READING COURSE IN SCIENTIFIC GERMAN—

To enable students to read with facility German works on Chemistry, Biology, etc. Elective for all students having had three semesters of German and recommended to scientific students especially. Second semester, three hours. Elective, sc.

DEPARTMENT OF PHYSICS.

Professor John Glenn Lowery.

The courses offered in Physics are designed to meet the requirements,

(1) Of those who pursue this subject as a part of a liberal education.

(2) Of those who wish a thorough preparation for the teaching of this subject in secondary schools,

(3) Of those who are looking toward a higher degree in science courses, and

(4) Of those who expect later to enter professional technical schools.

451-452. ELEMENTARY PHYSICS—

A work based on Millikan and Gale and consisting of lecture demonstrations accompanied and reviewed by class recitations on questions, problems and theory. Class room work four hours per week and co-ordinated laboratory exercises two hours per week in each course. Each course four hours credit.

This year's work is required of all candidates for degrees who do not offer entrance Physics. Also required as a prerequisite to all other Physic courses.

Mechanics, Molecular Physics and Heat—first semester.

Magnetism and Electricity, Sound and Light—second semester.

GENERAL PHYSICS—

A general survey of the fundamental principles of Physics, emphasizing the historical development of the science and the principles of it as they are related to and underlie the facts and phenomena of daily experience, not imparting information merely but setting before the student a large and compact body of truth obtained by a method that shall remain for him through life a pattern of clear and correct thinking. Prerequisite for this course, Freshman Mathematics and Elementary Physics.

453. MECHANICS, PROPERTIES OF MATTER AND HEAT—

Recitations on theory and problems accompanied by demonstrations and lectures; laboratory exercises by the students to exemplify and verify the theory, affording at the same time valuable experience in the manipulation of apparatus. Class work based on Kimball's College Physics, four hours per week. Laboratory exercises using Ives' Annotated List as a guide, two hours per week. First semester, 4 hours.

454. MAGNETISM AND ELECTRICITY—SOUND AND LIGHT—

A continuation of the above class room and laboratory work. Second semester, 4 hours.

455-456. PHYSICAL MEASUREMENTS—

An advanced laboratory course involving the important principles of Physics. Approximately one-fourth of the time will be devoted to the consideration of the theory underlying the experiment, the development of the principles involved and the solution of problems closely related thereto. Miller; Laboratory Physics with assigned refernce to other texts. Three double periods per week each semester; three hours.

457. TEACHERS' PHYSICS—

A training course for those who expect to teach the subject in secondary schools. The student is assigned work in preparing demonstrations, assembling laboratory apparatus and is to assist in the oversight and direction of laboratory sections assigned him. One hour per yeek is devoted to a consideration of important topics of the subject matter, to the pedagogy of the subject, to equipment, text, etc. One hour each semester.

DEPARTMENT OF BIOLOGY.

Professor Earl Ruskin Bryant.

The courses in Biology are planned with the purpose in view of training the student to greater accuracy in observation, expression and conclusion. Aside from their value in general education, the courses are all foundational to the various applied biologies, such as agriculture, domestic science and medicine.

501-502. GENERAL BIOLOGY—

This is a foundational course for Freshmen, serving to acquaint the student with the fundamental principles of plant and animal life and with modern conditions of laboratory work. It is well fitted, both as a training to the student who decides to continue further study in biology, and also to the student who can give time for only a year of College Biology. (Prerequisite to other Biology courses.) Text, Parker's Biology. Throughout the year, 4 hours.

503. BOTANY—

(Plant Structure)—4 hours, first semester.

504. BOTANY—

(Plant Physiology)—4 hours, second semester.

This course is for the student wishing to continue more deeply the study of the structure and functions of plants. It is also a requirement to agricultural courses and is very essential to a medical course.

Text, Coulter, Cowles and Barnes. 3 hours recitation and 4 hours laboratory each week.

505-506. ZOOLOGY—

Entire year, 3 hours.

This course includes the study of representative animals, by laboratory text method. Each student will be required to report in good form on the morphology, physiology and ecology of some animal chosen by him, the report to be based upon personal observation. Two recitations and two hours laboratory each week. Text, Hegner's Zoology.

507-508. HUMAN PHYSIOLOGY—

Two recitations per week throughout the year using Martin's Human Body as a text. During the first semester one recitation per week in Mammalian Anatomy, using Davidson's text: During the second semester one recitation per week in Bacteriology using Newman's text. In addition to the two recitations in Physiology and the one *additional* recitation in either Anatomy or Bacteriology, two hours per week will be required in the laboratory. Throughout the year, 4 hours.

The Senior course in Histology and Comparative Anatomy will not be given in 1913-1914, but will be offered in 1914-1915.

526. GEOLOGY—

Dynamical, Structural and Historical Geology. This course consists of recitation and field work accompanied by collateral reading and themes on special topics. First semester, 3 hours per week.

DEPARTMENT OF CHEMISTRY .

Professor Alexander Holland Wright.

551. ELEMENTARY CHEMISTRY—

Study of elementary principles with emphasis on the applications of chemistry to agriculture and domestic science. A general culture course, Brownlee and others. "First Principles of Chemistry" will be studied by recitation and quiz during three hours per week with laboratory exercises four hours per week. All assigned work in chemistry courses must be completed before credit is given.

Three recitations—four laboratory hours, first semester, 3 hours.

552. ELEMENTARY CHEMISTRY—

Continuation of Course 551. Study of the non-metals of Course 551 is followed by the study of the metals with the practical applications constantly in mind. Three recitations—four laboratory hours. Second semester, 3 hours.

Note:—Courses 551-2 run parrallel to the Chemistry course in a first class high school and will not receive college credit in the Scientific Course. They are not prerequisite to any advanced courses and will not be so accredited to other schools.

For the laboratory work the class will be divided into two sections, one composed of the girls who will have their laboratory exclusively in sanitary and household chemistry; the others of the boys who will have the more general course with the applications based on indutsrial and agricultural occupations.

553. GENERAL CHEMISTRY—

Introduction and study of the principles of Chemistry. A good text is mastered by recitations, quizzes and examinations. The course is accompanied and illustrated by demonstrations and laboratory work. Three recitations—four to six laboratory hours, first semester, 4 hours.

554. GENERAL CHEMISTRY—

Continuation of Course 553. Study of acid and base-forming elements and of the elements of analysis.

Three recitations—four to six hours laboratory work. Second semester, 4 hours.

Note:—Courses 553 and 554 form the first year of College Chemistry. They are intended both for beginners as well as those who have had some High School Chemistry. It aims to give a thorough knowledge of Inorganic Chemistry and to fit all those who expect to follow any professional career. They are prerequisite to all advanced courses in Chemistry. Smith's "General Chemistry for Colleges" will be used as text and Smith and Hale's "Laboratory Outline" as manual.

555. CHEMICAL ANALYSIS—

Qualitative analysis of the metal and acid radicals. Study of the reactions and methods involved in the separation and identification of the two radicals in simple mixtures of salts. Students will be expected to analyze ten mixtures for the metals, ten for the acids and five for a complete analysis. Stieglitz's "Qualitative Chemical Analysis." Laboratory Manual and Theoretical part will be used as texts. Three recitations—ten hours laboratory work. First semester, 4 hours.

556. CHEMICAL ANALYSIS—

Quantitative Analysis by the gravimetric and volumetric methods of the acids and metal radicals in a few substances—ores and mixed salts. Emphasis is laid on technique, calculations and neatness of workmanship Moody's "College Textbook of Quantitative Analysis" will be used as text accompanied by Stieglitz's "Theoretical Part, Chemical Analysis." Two recitations. Second semester, 4 hours.

Note:—Courses 555 and 556 form the second year of College Chemistry. Consists of study of the principles and drills on methods of analysis and aims to fit men for all professions as Medicine, Law, Engineering, Agriculture, Analyst, etc.

557. ORGANIC CHEMISTRY—

Introduction and study of the principles of Organic Chemistry as shown by the alphatic compounds. Perkin and Kipping's "Organic Chemistry" is used as text accompanied by the preparation and study in the laboratory of the various classes of organic compounds using Jones' "Outline" as a guide.

Four recitations—fifteen hours regularly in laboratory work. First semester, 4 hours.

558. ORGANIC CHEMISTRY—

Continuation of Course 557. Study of the aromatic compounds with the elements of organic analysis. Same texts and requirements as in Course 557.

Note:—Courses 557 and 558 form the third year of College Chemistry. Essential for all students preparing for Medi-

cine, Teaching of Science, Government Service, Sanitary Engineering, etc.

559. SPECIAL METHODS FOR CHEMISTRY TEACHERS AND LABORATORY ASSISTANTS—

Consists of study of the best methods of presenting topics in recitation and laboratory. Quiz and examination on Teaching of Chemistry from Smith and Hall's text, and on assigned readings depending on the line of work in which the student may be intending to work. First semester—History of Chemistry and additional readings for the second semester.

Each member of the class is to have charge of a table in the chemical laboratory in one of the first four courses during the regular laboratory periods each week. One recitation or quiz per week will be required throughout the entire course.

One credit a semester will be given to all who have completed in a satisfactory manner the assigned reading and laboratory attendance.

Note:—Course 559 runs throughout the year and aims to fit teachers for practical work of the High School Teacher of Science. Admission to this course is granted only to those who have completed courses and have the permission of the Professor of Chemistry.

DEPARTMENT OF DOMESTIC SCIENCE

Miss Edith Patton

This course has been placed in the curriculum to meet the special need of the women students. It is the aim of this department to give a liberal college education and at the same time fit the young woman for carrying on the duties of the home efficiently. Special outline of the course prescribed is given below for the first year. The second year's work will follow the outline as laid down by the Ohio State University.

DOMESTIC ART—

The fundamentals of drafting, cutting and fitting of patterns from measurements are taught. These patterns are worked out in simple garments. Artistic and skillful handsewing and the application of the principles of design are emphasized. All materials for these garments are furnished by students. One recitation and two hours sewing a week. Two hours credit.

ART—

The aim of this course is to create an appreciation for the useful and beautiful. To this end, the first semester is spent in designing rugs, curtains, etc., by simple artistic combinations of lines and spaces, and then working them out in colorings of

autumn leaves. The chart of values and complements is carefully made and studied. Following this, baskets of students' designs are made from reed and raffia. Designing of plates for painting is also part of this work. Spring flowers are studied and worked out in stencil.

DEPARTMENT OF PHYSICAL EDUCATION.

Director for Men, Wilbert E. Sinclair.

Director for Women, Edith Patton.

The purpose of this department is to build up a sound, healthy body at the same time the intellect is being developed. The care and development of the body is so essential to the success of the student after he has finished his education, that a habit of physical exercise is cultivated by requiring all freshmen and sophomores to enroll in this department. Four credit hours are given for the two years' work. Arrangements are to be made so that every student thus enrolled shall have a physical examination by a competent physician. Statistical cards with record of measurements are to be filled for each student so that progress of development may be noted. The following courses are offered:

Freshman Year.

601. MEN—

Free hand exercises, dumb bells, parrallel bars; games such as Basket Ball, Volley Ball, Indoor Base Ball, and Hand Ball.

WOMEN—

Marches, drills, wands and barbells; Games such as Basket Ball, Volley and Hand Ball.

Two hours a week by assignment, first half of year.

602. MEN—

Indian Clubs, Horizontal Bar, Tumbling; Games such as Hand Ball, Basket Ball, Out Door Base Ball, Cross Country Relays and Tennis.

WOMEN—

Calisthenics, gymnastics and folk games and dances; Games such as Hand Ball, Volley and Tennis.

Two hours a week by asignment, second half of the year.

Sophomore Year

603. MEN—

Parrallel Bar, Star Bars, Tumbling Pyramids; Games such as Foot Ball, Soccer, Basket Ball and Hand Ball.

WOMEN—

Fancy marches, folk games, Indian clubs; Games such as Volley Ball, Basket Ball, Tennis and Hand Ball.

Two hours by assignment, first half of the year.

604. MEN—

High Bars, Gymnastics, Tumbling, Side Horse, Flying Rings, Springboard and Mat. Outdoor exercises, cross country runs, swimming tours, track athletics, Base Ball.

WOMEN—

Gymnastics, Stall Bars, Fancy Drills, Side Horse, Flying Rings, Games such as Hand Ball, Tennis and Folk Games.

Two hours by assignment, second half of the year.

605. HYGIENE—

A course of lectures given by various members of the Faculty on health, morals, etc. One hour a week, entire year.

ATHLETICS.

Students physically able may enter into any two of the College Athletics during the year. Credit for football is given to those who participate in the daily practice and drill in the rudiments of the game. This credit requires an examination on the rules and fundamentals of the game. Besides football, the College has teams in Basket Ball and Base Ball. Arrangements are to be made so that track teams may be developed. The athletics are governed by a student athletic association and a committee of the faculty. Each team has its separate student manager. An athletic fee is collected from each student. This admits him to regular gymnasium classes, the use of the gymnasium for games, baths and floor work at such hours and conditions as may be prescribed by the director and entitles him to the equipment that is furnished by the College when he becomes a representative of the College team. Participants in the various field games must have a passing grade in all their studies and carry at least twelve hours' work.

Academy School

FACULTY.

JOHN KNOX MONTGOMERY, D. D., PRESIDENT.

JOHN GLENN LOWERY, M. S., PRINCIPAL.
Physical Science.

JOHN ALEXANDER GRAY, A. M., PH. D.
Mathematics.

EARLE RUSKIN BRYANT, A. M.
Biological Science.

JOHN IRWIN STEWART, A. M.
History.

MARY ADELIA LORIMER, B. S.
Latin.

MARY CAROTHERS McCONAGHA, B. ELO.
English.

MARY ELIZABETH STEWART, A. B.
German.

CLARA BELL BLACKBURN.
Instructor in Latin.

HAWTHORNE COLLINS WALLACE.
Instructor in Latin.

EDWARD WILLARD WELCH.
Instructor in Mathematics.

EMMA FRANCIS HOFFMAN.
Instructor in History.

REGINA ELIZABETH PETRICH.
Instructor in Germon.

*DAVID HENRY McCONAHA.
Common Branch Reviews.

*Through the Board of Education it has been arranged that the Superintendent of the New Concord Schools, Prof. McConaha, teach the Common Branch Review Subjects.

MUSKINGUM ACADEMY.

This school had its beginning about a century ago. About 1825 a group of citizens founded a school to give instruction beyond the common schools and named it The New Concord Academy. In 1837 this school extended its course and was chartered as Muskingum College, the work of the former academy being continued as the Preparatory Department of the College. In 1908 the Preparatory Courses were recognized as fully accredited secondary courses and the College authorities authorized the conducting of formal graduating exercises and the issuing of diplomas.

THE AIMS of this school are: First, to afford a liberal education of four years for those who may not find it possible to complete a college course. Second, to give thorough preparation for entrance to colleges, professional and technical schools.

THE TIME required to complete the Academy course is regularly four years for those who come directly from the elementary schools, but bright and ambitious students of somewhat greater maturity may, by taking some extra work or by attending Summer School, complete the course in three years.

THE ADVANTAGES offered by this school to those who find it necessary to go away from home to take a high school course are of great importance. It is a fully accredited Secondary School—the equal of the very best high schools. Experienced and well prepared teachers have charge of the work. The college equipment and library being accessible for the work adds fullness to the courses. And, not the least important is the opportunity for a look beyond the high school course. The big question that confronts the young people as they are completing their high school course is, What Next? What line of work shall be taken up? The student who is taking his preparatory course in the environs of a college has splendid opportunity to see something of the requirements of quite a variety of worthy callings. It helps him decide what line of work he is most capable for. Splendid opportunity is afforded for literary and social development—attainments so highly essential to success today. Direct attention is given to the moral and religious influences that surround the student and regular atendance upon church exercises is required. Rooming and boarding rates are very reasonable and the accommodations especially suited to students as it is a part of the business life of the town to provide such things. These accommodations must meet the approval of the school before the students are permitted to accept them.

ENTRANCE AND CREDITS.

Completion of the elementary schools is required as preparation for the first year's work. Work done in other high schools will

be accepted without examination provided a full statement of the work done, certified by the teacher, is presented. Blanks for this purpose will be furnished by us. In order that any year subject presented from other schools be given unit credit or any half-year subject be given half unit credit, it must meet the standards of accredited schools as to amount, quality and time of pursuance together with such note books and collateral work as is regularly required.

REPORTS TO PARENTS.

At the end of each term a report of the student's work is sent home. And if at any time within the term circumstances arise that make it advisable the parents are apprised of the studentship and conduct of the student.

GRADUATION

Upon completion of sixteen units of study in accordance with the outlined courses together with all other prescribed requirements for graduation the student will be granted a diploma. A unit being understood to mean a study four or five class periods per week for the school year, aggregating as a minimum one hundred and twenty clock hours of class room work. Two hours of laboratory work, drawing, etc., to count as one class hour.

COURSES OF STUDY.

First Year, All Courses.

Science of the Sentence.
Latin Lessons.
Beginning Algebra.
Physiography and Agriculture or Sanitation and Hygiene.

Second Year, All Courses.

Rhetoric and Composition.
Caesar.
Plane Geometry.
Ancient History.

Classical Course. Third Year.

*Bible (one hour).
*History of Literature.
*Cicero.
Solid Geometry and *Higher Algebra.
Beginning German or Zoology and Botany.

Scientific and Philosophical Third Year.

*(Phil.) History of Literature.
*Cicero or German.
*(Sc.) Solid Geometry and *(Sc.) Higher Algebra.
*(Sc.) Zoology and Botany.
*(Phil.) English History and U. S. History and Gov.
or
Cicero and German

Fourth Year.

*Mythology (one hour).
*Classics.
*Virgil.
*Physics.
Second Year German
or
English History and U. S. History and Government.

Fourth Year.

*Bible (one hour).
*Classics.
*Virgil or German II.
*Physics.
Elementary Psychology and Advanced Physiology
or
Virgil and German.

The starred (*) subjects are required leaving some opportunity of selection and substitution among the other subjects necessary for the completion of the course. Subjects other than the ones mentioned above may constitute a part of the elective units. Students who have done satisfactory work in the following subjects may upon the examination of each claim receive not to exceed two units credit, a unit being understood to mean at least four hours of class work per week (or the equivalent) for a school year; Bible, Mythology Music, Debating, Advanced Arithmetic, Pedagogy, Drawing, Domestic Science, Manual Training, Certain of the Commercial Subjects and Elementary Chemistry. (Note: Students desiring to take the El. Chemistry as an entrance credit and take the language for advanced college standing may do so by taking the Physics in the third year and the Chemistry in the fourth.

ELEMENTARY TEACHERS' REVIEW.

For prospective elementary teachers who desire a review before taking the teachers' examination or before entering upon their work as teachers, a thorough year's review is offered of all the Common Branches, including Theory and Practice, Methods and School Law.

Those who take this work will not find the examination a bugbear or their first experience in teaching so perplexing. A certificate of work done will be given as a testimonial of ability and attainment when desired.

ELEMENTARY TEACHER'S SPECIAL REVIEW.

First Semester.

Grammar
Arithmetic.
Geography
Literature
Orthography and Spelling
Elementary Psychology

Second Semester.

Grammar
Arithmetic
U. S. History and Government
Literature
Physiology and Hygiene
Agriculture.

STATEMENT OF DEPARTMENTS

BIBLE—

One hour a week for one year is required of all Academy students in either the third or fourth year. Patriarchal and Hebrew History forms the basis of the work.

ENGLISH—

First Year—In the first year much time is devoted to the careful study of English in its rudiments. Some of the simpler classics are assigned for reading and study. These are made the basis of theme writing as a means of introducing composition work.

Second Year—The second year is given to the study of a standard text on Rhetoric and Composition, Punctuation, Diction, Style, figures of speech and prosody receive special attention. Theme writing, paragraph writing and impromptu essays are required with careful criticism of all work done.

Third Year—This year's work is a study of the History of Literature, a study of the chief literary periods of English and American Literature, the historical influences involved. chief literary characteristics, authors and productions. The work follows the outline of standard texts supplemented by assigned library readings. Much attention is given to a carefully selected list of productions covering the scope of the text and being representative of the various lines of literature. Systematic assignment is made of these for reading by the class during the year and a note book report is required of each student covering the outline and giving a digest of the readings assigned.

Fourth Year—The fourth year is given to a critical study of classics using the texts prescribed by the "Joint Conference of Colleges and Secondary Schools" for study and practice. Others are assigned for reading and report. The idea is to see that the four years have covered a liberal line of literary readings and study. In the fourth year a closer study is made of figures of speech, poetical form, memorizing of passages, with a view of cultivating a taste for good literature. Dramatic action, development of plot, ethical purpose and beauty of form are carefully noted.

LATIN—

The aim of the instruction in Latin is to get a good working vocabulary, to master the inflections and ordinary constructions of the language and to become able to read Latin of the average difficulty with facility. Throughout this course a thorough drill is given in grammatical forms and principles. In poetry attention is given to Scansion and Mythology. The Roman pronunciation is used and its correct use is constantly insisted upon. Throughout the course attention is given to the writing of Latin.

The work in this course covers a period of four years as follows:

First Year—Bennett's Foundation of Latin. Throughout the year, five hours a week.

Second Year—Towle and Jenks' Caesar, Books, I-IV, five hours a week throughout the year.

.. *Third Year*—Six orations of Cicero, four hours a week throughout the year.

.. *Fourth Year*—Virgil's Aeneid and Mythology, Books 1-6, four hours a week throughout the year.

GERMAN—

The aim of this course is to give a ready knowledge of the language and an insight into the life and thought of the German people. German is treated as a living language, and immediate contact is cultivated through various kinds of oral and written exercises. As far as possible the German language is used in the class room and students are urged to continue this outside. The first year consists of drills in grammar, syntax, composition and reading of many short stories. Throughout the year, four hours a week.

.. *Second Year*—Advanced Grammar and prose composition. Sight reading. Theme writing. Reading recent German prose and poetry. Throughout the year, four hours per week.

MYTHOLOGY—

One hour per week for third or fourth year.

HISTORY—

Ancient History—A study of the Ancient and Medieval Nations up to the time of Charlemagne will be made during the second year, four hours a week.

English History—A study of English History, social conditions and government with brief attention given to other European Nations, will be made in the third year, first semester, four hours a week.

American History and Government—In this course the emphasis will be placed on the origin and growth of our government, local, state and national. Third year, second semester, four hours a week.

Note:—It is desired that notes be kept as a record of the work done. These may contain extracts from important outside sources, references to important material, a synopsis of supplementary readings and sketch maps made by the pupil of the important geography of the work in hand. Effort is made to cultivate the power of handling facts, to develop the power of discrimination, to teach the use of text books and reference library and to secure ability in the interpreting of data and sta, tistics as well as historical map analysis. Such of the above will be required as the nature of each course dictates.

SCIENCE—

Physiography—First Year, First Semester—The most important facts and principles of Physical Geography are studied and as far as possible applied thru the use of data laboratory and field work. The effects of earth features upon life are emphasized, prominent among which are those geographic influences affecting our historical development and present economic conditions. Laboratory or Field work one hour per week upon which notes are required.

Elements of Agriculture—A study of the main principles of Agriculture such as will give a general basis for the further study of it as a trade subject, but at the same time presenting it as a subject that concerns all—a human interest subject, one that touches the daily life of every individual. One hour of laboratory or field work required.

Physiology, Hygiene and Sanitation—Second Semester—The study of a standard text supplemented by demonstrations and laboratory work. The more modern phases. The best principles of Hygiene and the most practical systems of Sanitation receive much attention throughout the course.

BIOLOGY—

Though this course prepares the student for college work in biology, this is not the chief aim. The chief aim is to give such knowledge of plants and animals as shall contribute toward a more abundant life.

I. ZOOLOGY—

This course will run the first semester. Considerable attention is given to entomology and other economic phases of zoology. Also the chief theories concerning organic life are presented in a way readily understood by academy students. Each student will be required to make a careful study of some native animal and report on it in good form.

Three recitations per week; two hours laboratory; four credits. Text, Linville and Kelly.

II. BOTANY—

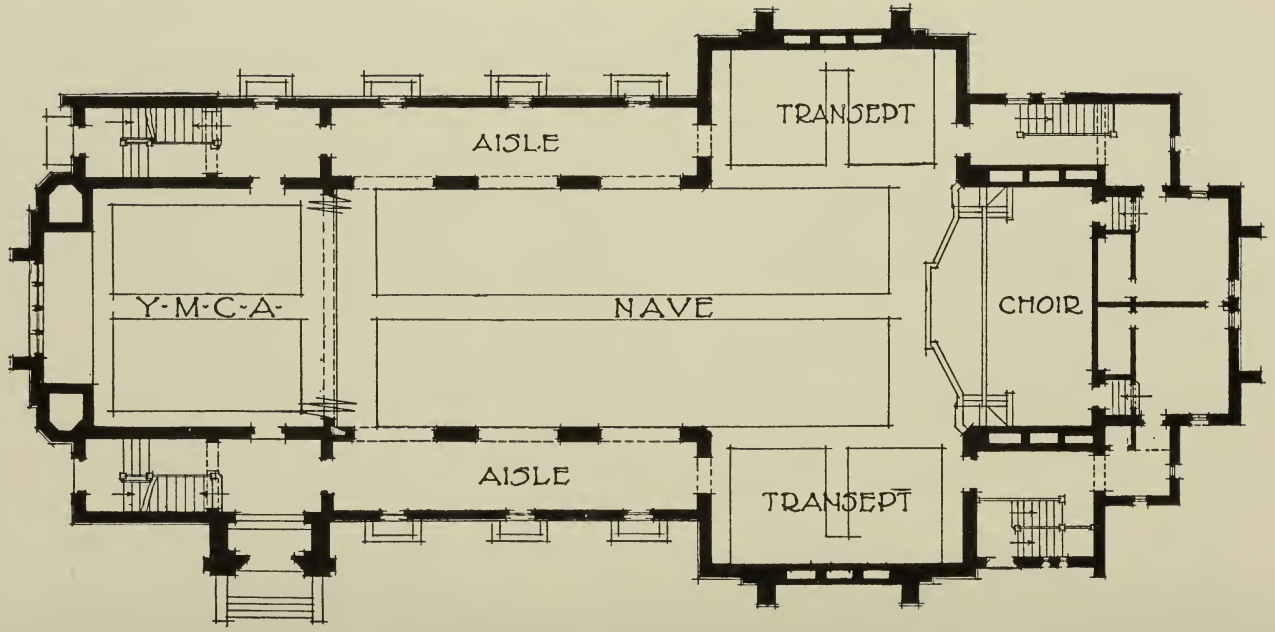
This course will run the second semester. Beside the theoretical part of Botany, there will be presented in this course such applied phases as Ecology, Agronomy, Horticulture, Forestry and Landscape Gardening.

Three recitations per week; two hours of laboratory; four credits. Text, Berger and Davis.

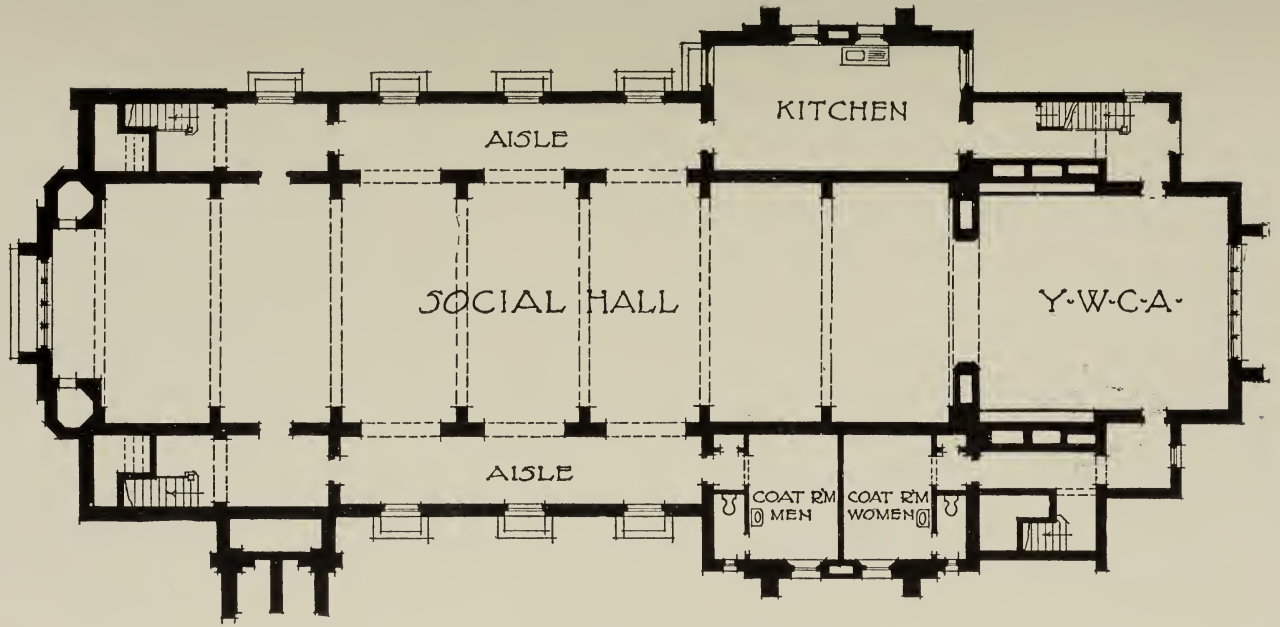
PHYSICS—

A year's work based on Millikan and Gale and consisting of lecture demonstrations accompanied and reviewed by class recitations, questions, problems and theory. Class room work

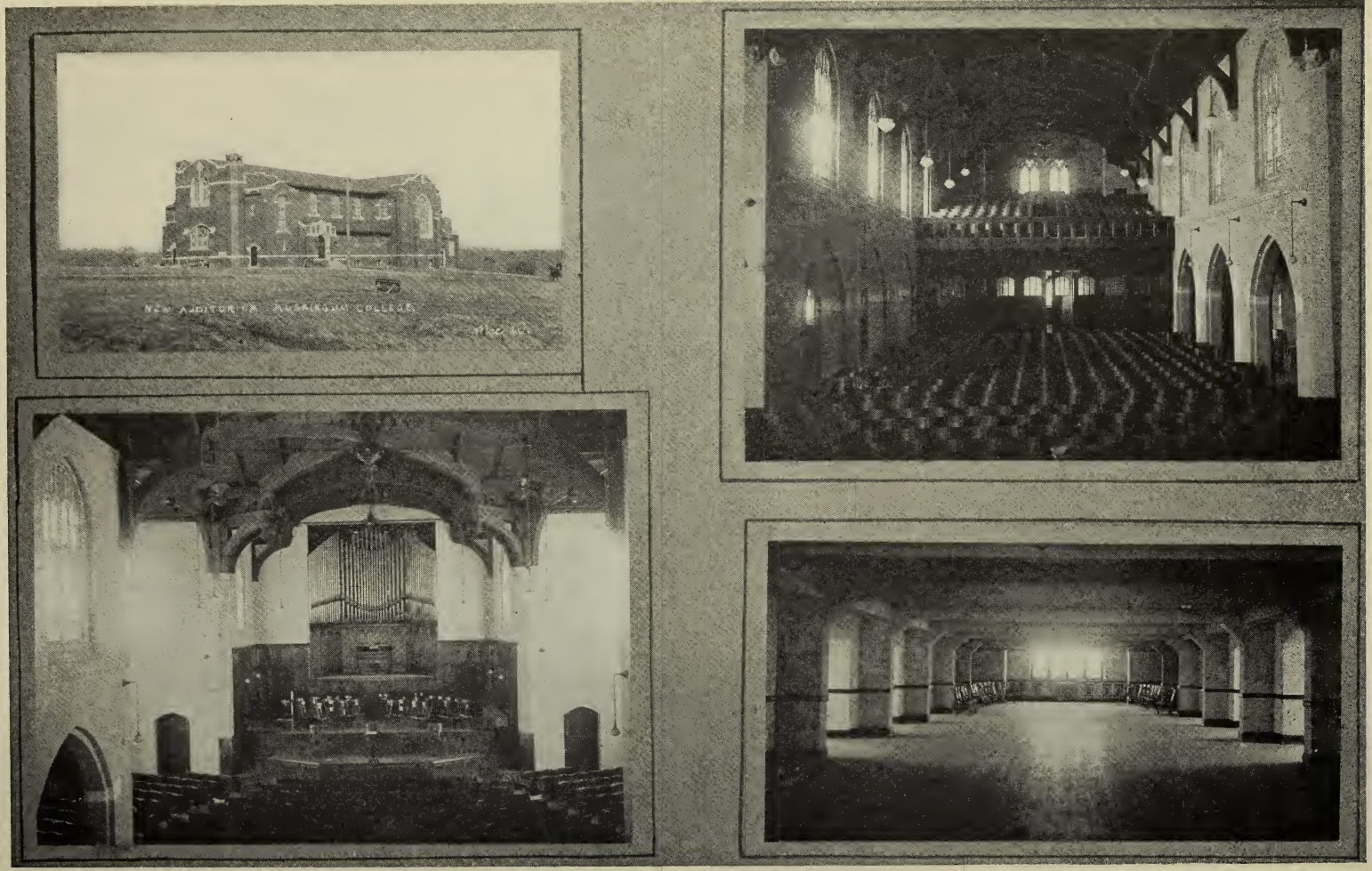
AUDITORIUM



PLAN OF FIRST FLOOR



PLAN OF BASEMENT


NEW AUDITORIUM ALBRIGHT COLLEGE

four hours per week and coordinated laboratory exercises two hours per week each semester.

First Semester—Mechanics Molecular Physics and Heat.

Second Semster—Magnetism and Electricity, Sound and Light.

MATHEMATICS—

I. Beginning Algebra—First and second semesters, 5 hours.

II. Plane Geometry—First and second semsters, 4 hours.

III. Solid Geometry—First semester, 3 hours.

IV. Higher Algebra—Second semester, 5 hours.

GENERAL IN FORMATION

All students are expected to do literary work throughout their course and to this end there are maintained two literary societies by the Academy students. The Adelphic by the boys and Agatean by the girls. Fourth year students and certain others of considerable maturity and ability are permitted to become members of the college societies if they so choose.

The Academy Debating Club is a permanently organized society for the purpose of securing and carrying on debating contests with other schools of this grade. Two teams are selected each year by holding a preliminary contest and these represent the school against other teams.

Chapel exercises are conducted each day and all students are expected to attend.

Free Hand Drawing should be taken at least one hour per week for the first and second years by all students who have not had drawing in their former school courses. This will give greater ability and ease in the preparation of laboratory notes and drawings so essential in later courses.

Spelling one hour per week is required of all who show themselves deficient in this branch. Sandwich and Bacon text is used as a basis.

Penmanship—All written lessons, examinations, manuscripts and note books are required in neat orderly fashion. Compliance with general uniform rules in regard to the same is required—Woolley's Handbook of Composition is referred to as a guide. All students should acquire a neat, uniform, legible, rapid hand with the pen. All whose work shows deficiencies in this matter will be required to give special time and effort toward improvement.

Physical Culture and Athletics of the college is open to the students of the Academy on the same terms as to the college students.

Examinations are held at the end of each semester or oftener if the instructor in charge deems it best. Daily class

work, written work, notes and examinations form the basis of standing and credit in the work done.

Reports are sent out at the end of each semester giving the standing that the student has made in his work. A, represents a grade of 96 to 100; B, from 90 to 95; C, from 80 to 89; D, from 70 to 79; E, 65 to 69; F, failure.

Graduating honors are conferred on all who make a passing grade in sufficient courses and comply with all other requirements, but students whose courses make a general average below C will not be recommended for college entrance and those having a standing of B or A may receive special mention.

Graduating exercises consisting of Baccalaureate service and commencement exercises must be attended by all graduates and each must prepare such thesis or other exercise as may be required.

Tuition fees of the Academy may be found stated in the college department along with college expenses.

NEW CONCORD HIGH SCHOOL—

The Board of Education of New Concord Village, desiring to give to the resident pupils and to the Boxwell pupils who choose to attend, under the provisions of that law, a good first grade high school course, has made this school, its courses and equipment, the village high school. The Board has elected the Academy teachers as the high school teachers and adopted suitable rules and regulations to have the high school work done in the college buildings.

Summer School

Muskingum College recognizing the need of many who are unable to attend college through the year has for many years maintained a well organized Summer School. The objects of the courses offered are: To equip prospective teachers for all grades of elementary and high school work; to increase the efficiency of those already in the work; to give opportunity to high school and academy students to make up work or to do advanced work; to do college work for those whose time and circumstances demand their doing such work during the Summer Terms.

THE COURSES OFFERED..

THE NORMAL REVIEW WORK—

Is designed to meet the needs of those who are teaching or contemplating teaching and who desire a thorough drill in the Common Branches. The class work is presented in such a way as to give a thorough drill in the subject matter and at the same time present methods of teaching the same. This work includes classes in Arithmetic, Grammar, Geography, History, Civics, Literature, Orthography, Physiology, Theory and Practice, Pedagogy, Penmanship, Reading, Agriculture, Elementary Algebra, etc.

MODEL SCHOOL AND METHODS—

The work of all the grades of the elementary school will be presented by means of the Model School, Demonstration Teaching and General Methods. Grading and classification of pupils will receive attention; also Story Telling, Busy Work, Dramatization, Drawing, Reading, etc. The instructors in this work are especially strong, having had professional training and a very successful experience in a splendid city school system.

The courses in the Model School cover the work of the lower grades, middle grades and upper grades. Also general methods, Industrial Art, Public School Drawing and Penmanship.

HIGH SCHOOL AND ACADEMY SUBJECTS—

All subjects usually taught in such schools will be presented. This gives those expecting to teach high school subjects an opportunity to review, those who have had no high school work an opportunity to take such a course in the Summer School, those desiring to make up high school credits or desiring to make advanced credits the privilege of doing so. Several classes will be offered in the following subjects: Algebra, Geometry, German, Latin, French, Greek, History, Literature, Rhetoric, Physics, Chemistry, Shorthand, Typewriting, School Music, etc. Other branches arranged for as demand arises.

COLLEGE SUBJECTS—

For those who do not find it possible to attend college regularly we offer quite a number of the regular college courses during the summer term, such as trigonometry, Political Science, Chemistry, Greek, Latin, German, French, Biology, Philosophy, Science of Education, Advanced English. For full description of these subjects write for College catalog.

In this way many have taken parts of their college course and have thus made it possible to secure a degree. They are many High School Teachers with considerable successful experience, who could most profitably take up this line of work and soon secure a college standing. Never has there been a time when there was such a demand for college men and women, not only in the teaching profession, but in all others.

SPECIAL WORK—

We invite correspondence with reference to any college subject desired during the summer term. Quite a number of our regular college faculty professors are in town during the summer and can assist in giving quite a variety of courses.

CONSERVATORY OF MUSIC—

The regular work along this line will be offered during the Summer School.. This work consists of regular private lessons in Piano, Voice, Pipe Organ, Violin. In addition classes will be organized in Harmony, Musical History, Public School Music and Chorus.

There will be student recitals occasionally open to the public. Term recitals, orchestra, song and piano recitals by the teachers, etc..

LECTURES AND EVENING PROGRAMS—

Arrangements are being made for a series of lectures and entertainments to run as evening programs for the term. They will be of the sort that are entertaining and at the same time highly instructive.

Dramatic Clubs are organized among the students and home talent entertainments given by them during the term.

The college halls are open for a social and general good time at the opening of the term, giving a good opportunity for all to get acquainted.

SPRING AND SUMMER TERMS.

Those students who are compelled to make their way through college will be glad to know that, by attending both the Spring and Summer terms of the College nearly two-thirds of the work of a college year can be completed.

Special courses will be arranged for those who, on account of their schools closing late, do not get in at the beginning of the Spring term.

You can get satisfactory work even if you are a few weeks late.

TUITION.

Normal Reviews for the term.....$ 8.00
Normal Reviews with High School or College subjects... 10.00
High School or College Subjects..... 10.00

School of Expression.

Private instruction, one lesson per week.....$ 7.00
Private instruction, two lessons per week..... 12.00
Private instruction, three lessons per week..... 18.00

Conservatory of Music.

Tuition in Piano, Pipe Organ and Voice, per term.

One lesson per week.....$ 5.00
Two lessons per week..... 10.00
Three lessons per week..... 14.00
History and Harmony..... 4.00

BOARD AND ROOMS.

Nearly all the students board in clubs, which is cheaper than private boarding.

They live just as well and the summer is made pleasanter socially by the acquaintanceship formed in the clubs. The Faculty of the Summer School will gladly arrange for rooms and boarding for students ahead of their arrival. Members of the Faculty will meet all trains when the students are arriving in order that all may be provided for.

Furnished rooms, per week.....60c to $1.00
Board, per week.....$2.00 to $2.75

The cost of the term need not exceed $30.00.

Conservatory of Music

THE FACULTY.

J. KNOX MONTGOMERY, D. D., PRESIDENT.

SAMUEL HARRISON LOVEWELL, DIRECTOR,
Pianoforte, Organ and Musical Science.

ESTELLA McCARTNEY,
Pianoforte and Kindergarten

ALBERT EDWIN HOSMER,
Voice, Sight-Singing and Chorus.

WILLIAM WISHART GRAY,
Violin and Orchestra.

THE CONSERVATORY'S OBJECT—

The object of the Conservatory of Music is to give to all students of music the advantages of the best professional training. To that end the courses in applied music group themselves around the courses in musical science, it being the belief of the faculty that thus the best results are obtained. Special students, however, are welcomed by the Conservatory and will receive conscientious and careful attention.

THE COURSES OFFERED—

The Conservatory of Music offers a major amount of work in Musical Science, Pianoforte, Organ, Voice and Violin. Credit will be given to students from other institutions upon evidence of satisfactory proficiency.

REQUIREMENTS FOR GRADUATION—

No student may enter a certain class without suitable evidence of proper preparedness and proficiency. The same conditions hold good relative to all candidates for graduation.

The courses in Pianoforte, Organ, Voice and Violin require a minimum of four years for completion subject to entrance qualifications.

Voice and Violin students must show reasonable proficiency in Pianoforte playing before graduation.

Chorus Singing is required of all Voice students. Orchestra Playing is required of all Violin students.

No student can be graduated under less than one year's residence.

To graduate, a student must maintain term averages above seventy per cent throughout each of the respective courses undertaken. All conditions must be satisfactorily removed before a student can become a candidate for graduation.

The fee for a diploma is $2.50.

REGISTRATION AND TUITION CHARGES—

All arrangements for instruction in the Conservatory must be made through the Director. Tuition is payable in advance. Lessons missed through the fault of the student will not be made up and when unexcused will be marked zero; but in case of protracted illness, one-half of the loss of tuition will be borne by the school.

Private music accounts with the instructors are payable when music is purchased and students will receive a reasonable discount.

Pianoforte, Organ, Voice and Violin.

	Two per week	One per week
Per semester	$35.00	$20.00

Class Lessons in Musical Science.

Per semester	$9.00

Choral Society and Orchestra.

Whole year	$2.00
One semester	1.50

Pianos may be had at various prices. The ordinary charge for two hours per day for the Fall Term is $4.50 to $4.75; for the Winter or Spring Term, $3.75 to $4.00.

Organ, per hour, 15 cents.

MUSIC ELECTIVES AND CREDITS—

Music may be elected from any of the courses in the Conservatory subject to the rules of the Conservatory. No credit will be given for music taken elsewhere.

In all cases, whether in applied music (pianoforte, organ, voice or violin), or in musical science, credits will be for two hours per week.

THE MUSICAL ORGANIZATIONS—

The Choral Society is the representative musical organization of the Conservatory. Its purpose is to study and present in concert during the school year one or more oratorios or other choral masterpieces. This work is of great value to all.

The Chapel Choir is a chorus of about thirty voices which furnish music for the monthly preaching services of the College. Rehearsals are held regularly and only music of a churchly character is studied.

The Orchestra meets each week for rehearsal. Membership therein is at the discretion of the conductor. Music of good quality is studied.

The Music Club, a fortnightly organization, adds very much to musical interest.

Concerts and Recitals are given from time to time through the season both by outside talent and by members of the faculty and the student body.

MUSICAL SCIENCE—

The obligatory courses in Musical Science are as follows:

A. *Harmony*—Two hours per week during two years.
B. *Counterpoint*—Two hours per week during one year.
C. *Canon and Fugue*—Two hours per week during one year.
D. *General Theory*—Two hours per week during one year.
E. *Advanced Theory*—Two hours per week during one year.
F. *History of Music*—Two hours per week during two years.
G. *Musical Dictation and Sight-Singing*—Two hours per week during one year.
H. *Pedagogy and Lecture-Recital*—Two hours per week during one year.

THE DEPARTMENT OF PIANOFORTE—

The minimum time necessary for the completion of the regular course in Pianoforte is four years. Students entering upon the outlined work must show proper qualifications in the way of ability and aptitude before they can be classified in any particular year of the course, while those who are unable to meet the requirements of the first year are advised to make use of the Conservatory's excellent facilities for the teaching of beginner's and those preparing for the first year's work.

THE FIRST YEAR—

The courses *A, D* and *G* in Musical Science should be undertaken during this year. The textbook in Technic is Mansfeldt's New Technic. Czerny's op. 299 (School of Velocity, Steingraeber Edition No. 587) must be completed during this year, the pupil being required to play all the studies contained therein at maximum tempo with fine shading and good quality of tone.

THE SECOND YEAR—

The courses *A, E* and *H* in Musical Science should be undertaken during this year. The textbook in Technic will be Mansfeldt's New Technic. Selections from Czerny's op. 740 and op. 399, and Cramer's Etudes belong to this year. Bach's easier compositions will be begun.

THE THIRD YEAR—

The courses *B* and *F* in Musical Science should be undertaken during this year. The Technic is that of Philipp (Exercises Journaliers) and Tausig. The Etudes will be the Gradus ad Parnassum, Clementi, Henselt; Suites by Bach, Handel, Couperin and Rameau.

THE FOURTH YEAR—

The courses *C* and *F* in Musical Science should be undertaken during this year. The Technic is that of Joseffy. The Etudes will be those of Chopin, Rubinstein, Liszt, Saint Saens, Liapounow, Well-tempered Clavichord, Bach. Throughout the course only the highest forms of classical music will be employed, ensemble music will be a dominant feature of the work whether in the form of music for two pianofortes or for pianoforte and one or more orchestral instruments.

Upon the satisfactory completion of the course, a public recital for graduation will be given.

THE DEPARTMENT OF ORGAN—

Those entering upon the study of organ should show reasonable proficiency in pianoforte playing. Lessons will be given on the new organ in the New Auditorium. This instrument has two manuals, a pedal board extended to tenor g, and all the modern devices. It was built by M. P. Moller, Hagerstown, Md. A description of the instrument is as follows:

Great Organ

Lieblich Gedacht.....16 ft
Open Diapason..... 8 ft
Gross Flute..... 8 ft
Octave Diapason..... 4 ft
Tuba ..... 8 ft
Clarabella ..... 8 ft
Dulciana ..... 8 ft
Vox Humana ..... 8 ft

Swell Organ.

Horn Diapason ..... 8 ft
Rohr Floete ..... 8 ft
Flauto Traverso ..... 4 ft
Oboe Gamba ..... 8 ft
Viole Celeste ..... 8 ft
Violina ..... 8 ft
Echo Salicional ..... 8 ft
Flauto Dolce ..... 8 ft

Pedal Organ

Open Diapason ..... 16 ft
Bourdon .....16 ft
Lieblich Gedacht .....16 ft
Gross Floete ..... 8 ft
Great to Pedal Reversible.
Grand Crescendo
Sforzando Pedal
Balanced Swell Pedal for Great and Swell Organs.

Mechanical

Tremolo, Great and Swell Organs
Great to Great ..... 4 ft
Great to Great .....16 ft
Swell to Swell ..... 4 ft
Swell to Great ..... 4 ft
Swell to Great ..... 8 ft
Swell to Great .....16 ft
Great to Pedal
Swell to Pedal

There are six combination pistons beneath each manual which can be set at the pleasure of the organist. The organ is blown by electricity.

The Conservatory has for practice purposes a smaller instrument in the chapel of the main building.

The course in organ occupies four years, and for graduation requires the same work in musical science as is called for in pianoforte. The music to be studied includes: Complete Method for Modern Organ, Parkhurst; Organ School, Thayer; Organ School, Rink; Organ School, Lemmons; Studies, Whiting; Preludes and Fugues, Bach; Sonatas, Rheinberger, Guilmant, Ritter, Merkel; Concert Pieces and Variations, Thiele; Arrangements and Concert Paraphrases by Best, Archer, Lemare, Warren; Selections from modern school of organ playing.

THE DEPARTMENT OF VIOLIN—

First Year—The courses *A, D* and *G* in Musical Science should be undertaken during this year. Foundation Exercises; Schuberth, Hermann and Hohmann Etudes; Wohlfahrt. Bohmer, Dancla, Kayser, Ries and Pleyel. Compositions; Weiss, Dancla, Ries, Sitt, Bohm and others.

Second Year—The courses *A, E* and *H* in Musical Science should be undertaken during this year. Studies of the Second to the Fifth Position: Hermann and Hohmann: Scale Studies; Wilhelmj, Blumenstengel: Trill Studies, Sevcik: Etudes; Wohlfahrt, Kayser, Dont, Kreutzer, Fiorillo and Mazas: Compositions; Dancla, Singelee, Alard, Accolay, Seitz and Viotti.

The Third Year—The courses *B* and *F* in Musical Science should be undertaken during this year. Scale Studies; Schradieck, Halir. Study of all positions. Etudes; Dont, Kreutzer, Fiorillo and Mayao: Compositions; Dancla, Viotti, De Beriot, Wieniawski: Concertos; Viotti, Rode, Kreutzer.

The Fourth Year—The Courses *C* and *F* in Musical Science should be undertaken during this year. Scales, Halir: Etudes; Rode, Rovelli, Mazas, Gavinies, Wieniawski, Leonard: Twenty-four Caprices, Dont: Compositions; Vieuxtemps, Alard, Wieniawski: Concertos; De Beriot, Leclair, Mozart, Molique, Spohr, Vieuxtemps, Wieniawski, Mendelssohn, Bach: Sonatas; Handel, Mozart, Beethoven, Corelli, Tartini, Bach.

THE DEPARTMENT OF VOICE—

The First Year—The courses *A, D* and *G* in Musical Science should be undertaken during this year. Lessons in breathing and production of tone; development of an even, unbroken scale. Scales, arpeggios, embellishments, simple vocalises and easy songs.

The Second Year—The coures *A, E* and *H* in Musical Science should be undertaken during this year. Continued work

on the development of the voice. A graded and systematic series of Vocalises containing more difficult exercises in the form of arpeggios, embellishments, etc.

The Third Year—The course *B* and *F* in Musical Science should be begun during this year. Continued work on the development of the voice. Still more difficult vocalises, songs and selections from Oratorios and Operas.

The Fourth Year—The courses *C* and *F* in Musical Science should be begun this year. Advanced technical studies. Study of classical songs, and finished work in Oratorio and Opera.

GENERAL IN FORMATION—

Pupils are strongly advised to enter at the beginning of the term.

All Conservatory students are subject to the regulations of the College.

Full information concerning work in the Conservatory will be given by communicating with the Director.

School of Art

Miss Sara Alison Gray, B. S.

Training the eye and hand is an important part of a finished education, and should not be neglected. All need to develop a knowledge of form and color. A course in Drawing and Pointing is the best way to do it.

Instruction in Free Hand Drawing consists of:

1*st Year*—Drawing in Outline from Objects, Nature, and sometimes from the flat copy: from casts and still life.

2*nd Years*—Study from Life in charcoal, color study from Still Life, Life and Nature. The work in Drawing embraces: Pencil, India Ink, Crayon, Charcoal and all Black and White Work.

The course in Painting includes Landscape, Fruit and Flowers in Oil, Pastel, and Water Colors. Also China Pointing in Conventional and Naturalistic designs.

TUITION FOR SEMESTER.

12 hours a week in Painting	$15.00
6 hours a week in Painting	8.00
3 lessons a week in Free Hand Drawing	5.00

Commencement Honors, 1912

Honorary Degrees.

Doctor of Divinity.

Rev. T. D. Edgar
Rev. J. F. Clokey
Rev. W. B. Fleming.
Rev. James E. Shepherd

Doctor of Philosophy.

Thomas H. Paden.

Doctor of Laws.

Robert Francis Harper
Rev. W. G. Waddle

DEGREES.

Master of Arts.

John W. Bickett
Leoti Watt Bickett

Magna Cum Laude.

Mary Grace Ritchie
Ella Margaret Stewart
Martha Florence Strong
Merlin Harold Hunter

Cum Laude.

Willard Allison
Edna Hope Ashenhurst
Katherine Brown Craig
Fred Lee Harper
John Gregory Martin
Effie Blanche Milliken

Bachelor of Arts.

Katherine Brown Craig
Fred Lee Harper
John Paul Jones Harkness
Merlin Harold Hunter
Samuel McPherson Laing
Elsie Rebecca McDill
Wiley Shuman Woodburn
Callum Nicholson Wilber Mackey
Ralph Laughlin Martin
John Gregory Martin
Mary Grace Ritchie
Ella Margaret Stewart
Martha Florence Strong

..Bachelor of Science.

Willard Allison
Edna Hope Ashenhurst
Arthur Levi Carter
Jeannette McFarland
Mary Elizabeth McLean
Effie Blanch Milliken
Beryl Finnicum Patton
Edith Carolyn Patton
John Sherman Talbott
Raymond Lee Thompson
Knowles Wyatt

Master of Elocution.

John Paul Jones Harkness.

Bachelor of Oratory.

Lois Margaret Caldwell
Adam Raymond Gilliland
Robert Spencer McClure
Daniel Crane McCoy

Teacher's Diploma.

Frank Devine Green
Catherine Ida Milliken
Margaret Agnes Taggart
Jane Rea Whetstone
David H. McConaha
Harry Durward Hazelwood

Music Diploma.

Carrie Margaret McNary
Carrie Gray Purdy

Register of Students

COLLEGIATE DEPARTMENT.

Graduate Student Studying for a Degree.

Irvine, Miss Elizabeth.....Albany, Oregon

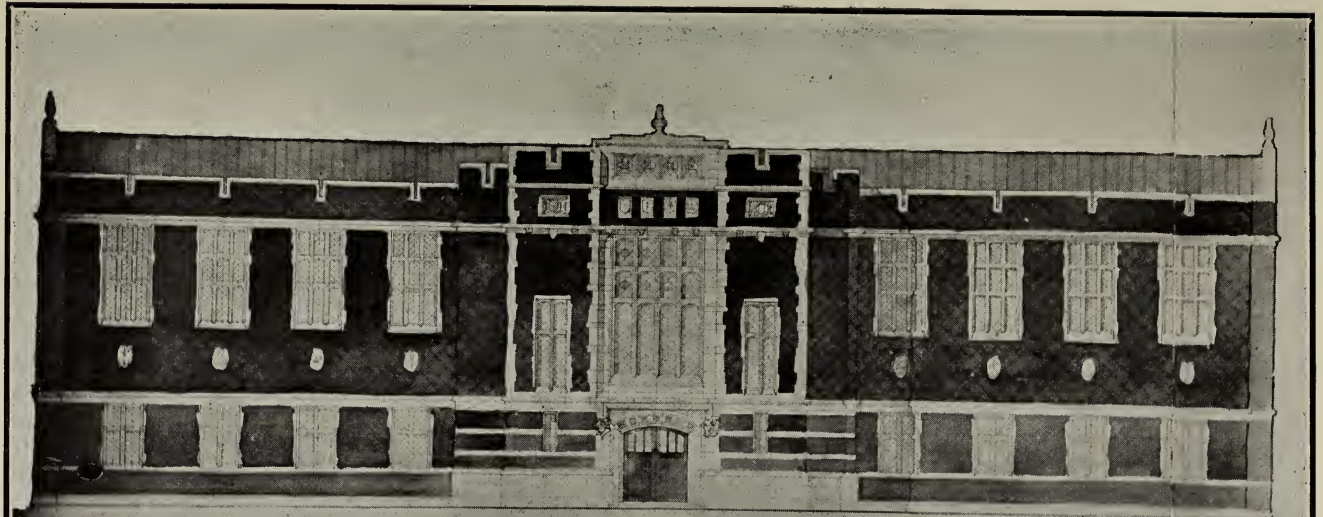
SENIOR CLASS.

Aiken, Mary Della, cl.....New Concord, O.
Alley, John Dinsmore, sc.....New Concord, O.
Blackburn, Clara Belle, cl.....Cumberland, O.
Brown, Andrew, cl.....Belfast Ireland
Campbell, Mabel Vera, normal.....Kenton, O.
Clark, Grace Janet, cl.....Columbus, O.
Copeland, Lloyd Dewitt, sc.....Tarentum, Pa.
Craig, Keren Newcomb, ph.....Indiana, Pa.
Cunningham, Albert Benjamin, cl.....Newfoundland, N. J.
Fulton, Laura Alice, cl.....St. Clairsville, O.
Gilliland, Adam Raymond, cl.....Malta, O.
Hazelwood, Harry Durward.....Parkersburg, W. Va.
Laing, Elizabeth Osborne.....Ingram, Pa.
Linsenmayer, Jacob Ross, cl.....New Concord, O.
Kingan, Anna Rose, normal.....Toronto, O.
McBride, Alberta Jean, cl.....Crafton, Pa.
McCann, Louella Jean, cl .....West Carlisle, O.
McCleery, John Maxwell, sc.....New Concord, O.
McClure, Robert Spencer, Jr., sc.....Quarryville, Pa.
McCreary, Ruth, sc.....Camden, O.
McCreary, Eva Elizabeth, normal.....New Concord, O.
McCreary, Grace Gordon.....New Concord, O.
McNary, Mary Rachel, cl.....Thomas, Pa.
McNary, Cornelius Clark, sc.....Canonsburg, Pa.
Martin, Elizabeth Marian, cl .....Altoona, Pa.
Maxwell, Joseph Sprague, cl.....Chester, W. Va.
Miller, Lewis Earl, normal .....Carrollton, O.
Murphey, Paul Raymond, cl.....Chandlersville, O.
Myers, Fred D., sc.....Kelsey, O.
Nichol, Mary Alta ph.....St. Clairsville, O.
Pyle, Mae Jacquette, sc.....New Concord, O.
Reed, Lena Claire, Normal.....Bell Center, O.
Reed, Ethel Ellora, cl.....Canonsburg, Pa.
Rees, David Llewellyn, sc.....East Liverpool, O.
Simpson, Edith Anna, normal.....Hickory, Pa.
Smiley, Howard Brownlee, cl.....Oakdale, Pa.
Strane, Joseph Lusk, cl.....Reynoldsburg, O.
Swank, Roland M., sc.....Leechburg, Pa.
Summers, Bessie Mary, cl.....Renfrew, Pa.

Thompson, Charles Johnston, sc.....Scio, O.
Thompson, Marguerite Joy, sc.....Topeka, Kansas
Thompson, Bessie Lindsay, ph .....Scio, O.
Thompson, Ella Rebecca, normal.....White Cottage, O.
Tilton, Charles Henry ph.....Taylorstown, Pa.
Wallace, Carrie Josephine, normal.....Norwich, O.
Welch, Edward Willard, cl.....Burgettstown, Pa.
White, Mary Gertrude, normal .....Rea, Pa.

JUNIOR CLASS.

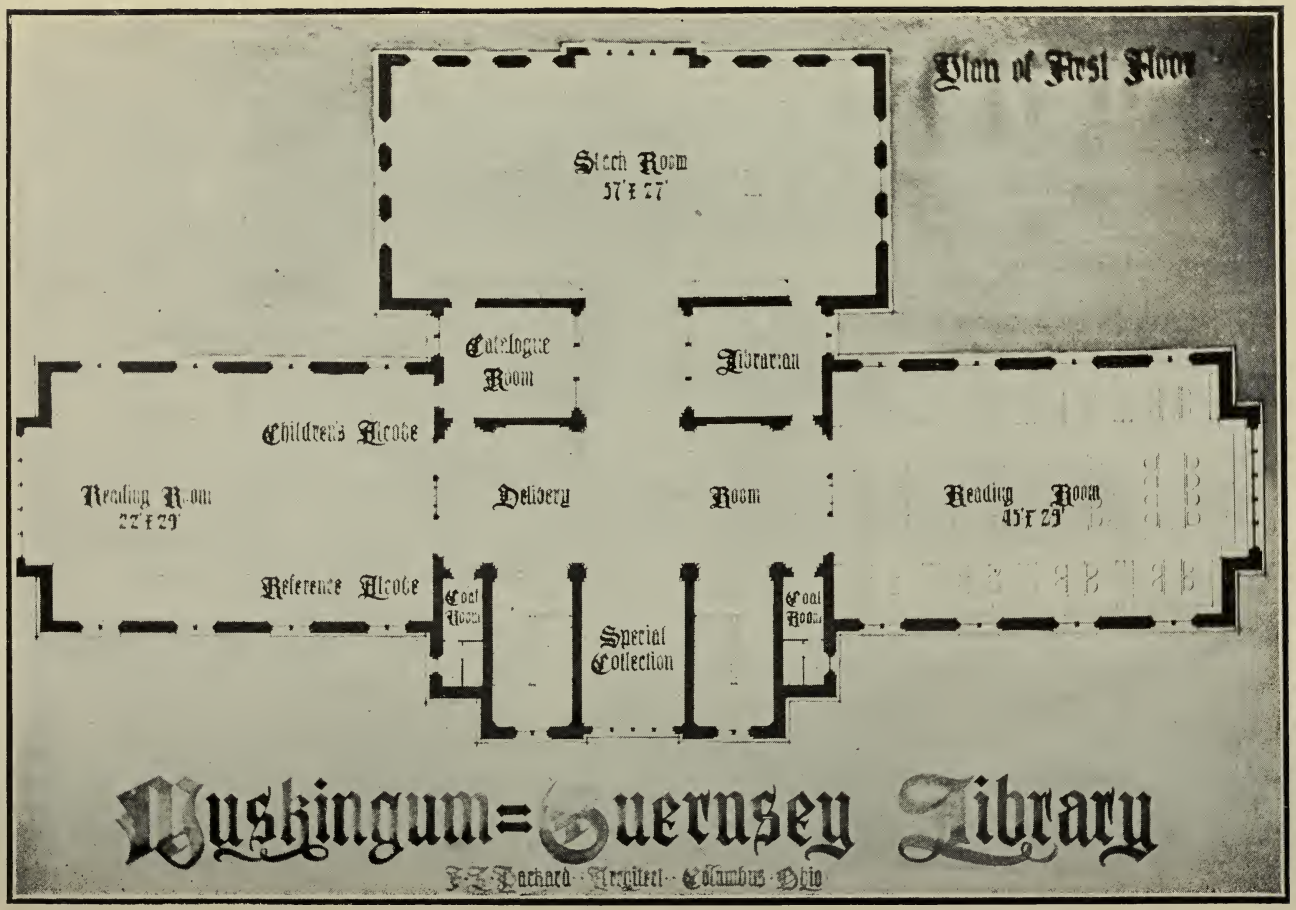
Adams, Clara Isabella, cl.....Mexico, Pa.
Adams, Charles McCleary, sc.....Kimbolton, O.
Bain, Margaret Wilson, cl.....Xenia, O.
Boggs, James Mahaffey, cl.....Valentia, Pa.
Brown, Lee Robert, cl.....Scio, O.
Buck, Thomas Marion, cl.....New Concord, O.
Caldwell, Lois Margaret, cl.....New Concord, O.
Coleman, Maurice Noble, cl.....New Concord, O.
Comin, Mary Katherine, ph.....Bellaire, O.
Copeland, Samuel Bruce, ph.....Leechburg, Pa.
Donaldson, Harper Collins, sc.....Carrollton, O.
Everett, Lewis Lee. sc.....Lisbon, O.
Fink, Cornelius Winfield, cl.....Zanesville, O.
Forsythe, Glenna Maud, cl.....New Concord, O.
Frame, Byron Emmett, sc.....Senecaville, O.
Fulton, John Pearson, sc.....Altitude, O.
Giffen, Mary Emma, cl.....St. Clairsville, O.
Gillespie, Lucius Elmer, sc.....Canonsburg, Pa.
Gillespie, Paul Smith, sc.....Cambridge, O.
Gordon, Marie Estelle, ph.....St. Clairsville, O.
Gray, Eva Elizabeth, cl.....Zanesville, O.
Greenlee, William John, sc.....Steel, O.
Greiner, William Nathan, cl.....Zanesville, O.
Hinkle, Samuel Francis, sc.....Cameron, W. Va.
Hoffman, Emma Frances, cl.....Senecaville, O.
Jimison, Milo B., sc.....Pemberville, O.
Kingan, James Bell, sc.....Toronto, O.
Lemmon, Clarence William, sc.....East Liverpool, O.
McCreary, Homer Wilson, sc.....College Corner, O.
Michell, Fred, cl .....Dayton, O.
Milliken, Catherine Ida, ph.....Claysville, Pa.
Montgomery, John Knox, Jr., cl.....New Concord, O.
Moore, Nellie Brown, cl.....New Concord, O.
Patterson, Raymond McClane, sc.....Mexico, Pa.
Ranson, Grace Agnes, sc.....Charlotte, N. C.
Russell, Earle Rodgers, cl.....Redford, Mich.

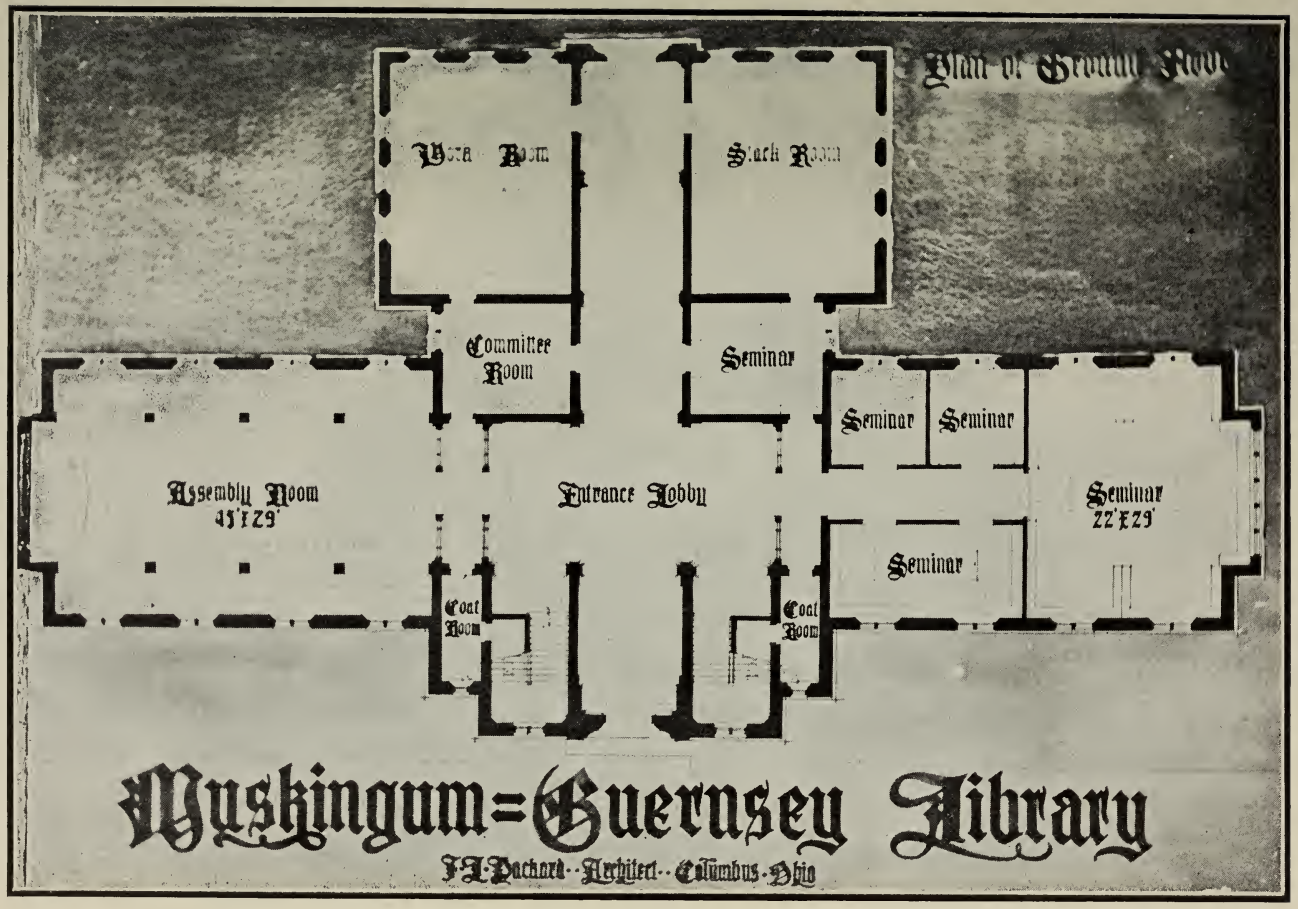


Town Elevation

Muskingum=Guernsey Library

F. J. Packard · Architect · Columbus · Ohio


Plan of First Floor
Sketch Room
57'x 27'
Catelogue
Room
Librarian
Children's Alcove
Reading Room
27'x 29'
Delivery
Room
Reading Room
45'x 29'
Reference Alcove
Coal
Room
Special
Collection
Coal
Room
Muskingum=Guernsey Library
F. L. Packard Architect Columbus Ohio


Plan of Ground Floor
Young Room
Black Room
Committee Room
Seminar
Seminar
Seminar
Assembly Room
45'x29'
Entrance Lobby
Seminar
22'x29'
Seminar
Coat Room
Coat Room
Muskingum=Guernsey Library
F.A. Packard Architect Columbus Ohio

HEATING PLANT

Sutton, Blanche Josephine, ph.....St. Clairsville, O.
Thompson, Roy McNary, sc..... West Middletown, Pa.
Thompson, Agnes Lillian, sc.....Scio, O.
Wallace, Hawthorne Collins, cl.....Bellfontaine, O.
Welch, Mary Belle, sc.....Burgettstown, Pa.
Wilson, John Brownlee, cl.....Ben Avon, Pa.
Wilson, Margaret Moorehead, cl.....Pittsburg, Pa.
Wishart, William Liggitt, cl.....N. S. Pittsburg, Pa..

SOPHOMORE CLASS.

Alter, Milton Kerr, cl.....Parnassus, Pa.
Anderson, William Clarence, cl.....Elderton, Pa.
Baker, Roy Emerson, cl.....Frazeysburg, O.
Beggs, Sara Louise Ranson, cl.....Lloydminster, Alta, Canada
Bothwell, William Earl, sc.....Pittsburg, Pa.
Burkett, William George, cl.....Midway, Pa.
Cunningham, Effie Frances, ph. b.....Burgettstown, Pa.
Davison, Florence Elizabeth, cl.....Bluffton, Ind.
Duffey, Edward McKee, cl.....Peebles, O.
Ferrall, Jennie Blanche, cl.....Carrollton, O.
Findley, Walter Glenn, cl.....Millersburg, O.
Fleming, Orville Joseph, cl.....Creekside, Pa.
Giffen, Zilla Maude, cl.....St. Clairsville, O.
Hay, Wilmer Martin, cl.....Saxonsburg, Pa.
Hutchison, Clyde Boyd, sc.....Allison Park, Pa.
Johnson, Ray Martin, cl.....Xenia, O.
Krohn, Joseph Irvine, cl.....Point Marion, Pa.
Livingston, Jeannette Lee, cl.....New Concord, O.
Livingston, Nora, cl.....New Concord, O.
McCann, Laura Claire, sc.....Frazeysburg, O.
McDill, Donald Samuel, sc.....New Concord, O.
McKelvey, Harry Lytle, sc.....Fredericksburg, O.
McNary, Almeda Dane, cl.....Canonsburg, Pa.
Magill, Joseph Braden, sc.....Homer City, Pa.
Miller, Elmer Joseph, cl.....Bellfontaine, O.
Petrich, Regina Elisabeth, sc.....Cool, California
Ramsey, Mary Ellen, cl.....Belle Center, O.
Shepherd, Charles Winfred, sc.....New Concord, O.
Strong, John Gordon, sc.....Hoopeston, Ill.
Sturgeon, James Porter, cl.....Elderton, Pa.
Taylor, Marie, sc.....Coshocton, O.
Teener, James Woodruff, cl.....Cumberland, O.
Trumbull, Howard Christie, sc.....Belle Center, O.
Welch, Alvin Howard, sc.....Burgettstown, Pa.

FRESHMAN CLASS.

Aduddell, Harriet Shipps, cl.....Cambridge, O.
Allison, Clara, sc.....Cumberland, O.
Anderson, William Reed, cl.....Manfield, O.

Armstrong, Blanche Lenore, cl.....West Alexander, Pa.
Arnold Raephel Henry, cl.....East Palestine, O.
Brate, Hubert Reed, sc.....Maud, O.
Browning, Bryce Cogsill, sc.....Frazeysburg, O.
Buck, Herbert Minor, sc.....New Concord, O.
Buck, Charles Huston, sc.....New Concord, O.
Burriss, Agnes Irene, sc.....Mt. Pleasant, O.
Byers, Justin Scott, sc.....Homer City, Pa.
Clark, Jennie Lenore, sc.....New Concord, O.
Cleland, Kathleen Margaret, sc.....New Concord, O.
Conley, Vera Lee, sc.....Dresden, O.
Copeland, Raymond Spurgeon, cl.....Leechburg, Pa.
Craft, Otis Raymond, sc.....Sarahsville, O.
Crawford, Carlos Carl, sc.....Cambridge, O.
Davis, Myrtle Edna sc.....New Concord, O.
Davis, Josephine, sc.....Cambridge, O.
Daw, Seward Emerson, sc.....Frazeysburg, O.
Dickson, Arthur McBane, cl.....East Liverpool, O.
Dietz, Henry Gottfried, sc.....Kenton, O.
Dorrance, Lulu Amanda, sc.....Adena, O.
Douglass, Marie, sc.....Dalton, O.
Doyle, Langdon Earle, sc.....New Concord, O.
Elliott, Isabel, cl.....Cambridge, O.
English, James William Paul, sc.....Died Jan. 9, 1913
Estill, James Album, sc.....Millersburg, O.
Evans, Gracie Lucile, cl.....Reynoldsburg, O.
Fankhauser, Henry Arthur, sc.....Winesburg, O.
Frazier, James Howard, sc.....Frazeysburg, O.
Garges, Wilbur Lawrence, sc.....Blairsville, Pa.
Gillogly, Elton Edison, sc.....Cumberland, O.
Gonzales, George Daniel, sc.....East Liverpool, O.
Graham, Frank Lemmon, sc.....Northfield, O.
Graham, William John Audley, sc.....New Concord, O.
Hibbs, Mabel Florence, sc.....Scio, O.
Holleran, James Lloyd, sc.....Canonsburg, Pa.
Hunter, Ermann Floyd, sc.....Chandlersville, O.
Hutchison, James Renwick, sc.....Brookline, Pa.
Hutchison, Harry Sutherland, sc.....Claysville, Pa.
Jackson, Ruth, sc.....Xenia, O.
Jeffrey, Clarence Dwight, sc.....Rea, Pa.
Kernott, Ralph Leland, sc.....Washington, Pa.
Keyser, Jesse Alexander, sc.....Flushing, O.
Landsittel, Hildegarde Wilhelmine, sc.....Frazeysburg, O.
Lawyer, Julia Joanna, cl.....Cambridge, O.
Lee, Henry Howard, sc.....Burgettstown, Pa.
Lewis, Alice Adaline, cl.....Zanesville, O.
Lorimer, John Calhoun, cl.....Zanesville, O.

Lowry, Mary Martha, cl.....Rea, Pa.
McCall, Vernon Barton, cl.....Xenia, O.
McCleary, Mina Coronell, sc.....Crawfordsville, Iowa
McConaha, Iva, sc.....New Concord, O.
McGeoch, Harold Archibald, cl.....Argyle, N. Y.
MacKenzie, John Morrell, cl.....Burgettstown, Pa.
McNary, Charles Townsend, ph.....Thomas, Pa.
Mansfield, Ralph Wilson, sc.....Belle Center, O.
Martin, Samuel Williamson, sc., Lyallpur, Punjab, British India
Merrilees, Nancy Jane, sc.....Bellefontaine, O.
Metham, Edith, cl.....Nellie, O.
Miller, William Lawrence, cl.....St. Clairsville, O.
Mitchell, Ruth Belle, cl.....Cambridge, O.
Montgomery, Don Alonzo ,cl.....New Concord, O.
Morrow, Alvin Reed, cl.....Pittsburg, Pa.
Patton, Frances, ph.....Sparta, Ill.
Philips, Claribel Katherine, cl.....Belle Center, O.
Pollock, Anna May, sc.....Fairpoint, O.
Porter, Marjorie Cornelia, sc.....Zanesville, O.
Proudfit, Kathleen McBride, sc.....Burgettstown, Pa.
Ranson, William Thorne, sc.....Charlotte, N. C.
Rogers, Otis Carlyle, sc.....Bellefontaine, O.
Ryan, Wallace Templeton, sc.....Huntsville, O.
Sembower, Geraldine Doris, cl.....Connellsville, Pa.
Sinclair, Wilbert Edmond, sc.....East Liverpool, O.
Skillen, James Marshall, sc.....Parnassus, Pa.
Strong, Anna May, cl.....Hoopeston, Ill.
Thompson, Anna Mary, cl.....West Middletown, Pa.
Thompson, Esther Rutan, sc.....Jewett, O.
Tomlinson, Robert Knox, sc.....Carnegie, Pa.
Warner, Mark Thomas, sc.....Monroe, O.

UNCLASSIFIED COLLEGE STUDENTS.

Bolton, John Dickson.....Pittsburg, Pa.
Eagleson, John.....Cambridge, O.
Green, Frank Devine.....Twinsburg, O.
McCleery, Alice.....Canon City, Col.
McDill, Elsie Rebecca.....New Concord, O.
McKay, Collum.....Greenport, N. Y.
Martin, Ralph.....New Concord, O.
Mobley, Arthur St. Clair.....Armstrong's Mills, O.
Moore, Frederick Wall.....Cambridge, O.
Oliver, Wayland Wilson.....Senecaville, O.
Scott, Gerlinda.....Cambridge, O.
Slack, Jesse Atwell.....South Zanesville, O.
Talbott, John Sherman.....Stockport, O.
Taggart, Margaret Agnes.....Washington, Pa.

ACADEMY DEPARTMENT.

Fourth Year.

Abels, Thomas Duncan.....Cambridge, O.
Aikin, Edward Everett.....New Concord, O.
Alley, Walter Boyd.....New Concord, O.
Armstrong, Mary Leila.....New Concord, O.
Caldwell, John Arthur.....New Concord, O.
Cale, Lola Belle .....New Concord, O.
Close, Mary Henderson.....St. Clairsville, O.
Coleman, Jamieson Olin.....New Concord, O.
Conner, Gladys Louise.....New Concord, O.
Craft, Ocena .....Sarahsville, O.
Dickey, Alva .....Wellsville, O.
Duff, David Franklin.....Cambridge, O.
Eagleson, Hodge McIlvaine.....Lore City, O.
Farley Ernest.....Summerfield, O.
Frazier, John Henry.....Freeport, O.
Gilkey, Walter Donald.....New Concord, O.
Graham, Vida Jane.....New Concord, O.
Hunt, Vesta Velma.....Oakland, California
Jamison, Uel Stitt.....New Concord, O.
Johnson, Gibson Reid.....Cameron, W. Va.
Kennedy, Samuel Leland.....Kimbolton, O.
Ledman, Mary Lucile.....New Concord, O.
Ludwick, Joseph Norman.....East McKeesport, Pa.
McCormac, Mary Malana.....New Concord, O.
McCulloch, Lilian.....New Concord, O.
Rankin, John Alexander.....Killeyleigh, Ireland
Riddle, Melvin Watt.....Sarver, Pa.
Robertson, William Homer.....Homer City, Pa.
Starkey, William Budd.....Beallsville, O.
Swan, George Forney.....Bird's Run, O.
Trace, Mathias Ross.....New Concord, O.
Walthour, Frank Philip.....East McKeesport, Pa.
Watson, Mabel Lucile.....New Concord, O.
Wheeler, Earl Thompson.....Zanesville, O.
Wilson, William Watson.....New Concord, O.

ACADEMY DEPARTMENT.

Third Year.

Alley, Margaret Lucy.....New Concord, O.
Arnold, E. E.....Washington, O.
Bantum, Fred McKinley.....Warsaw, O.
Barr, Mary Eliza.....New Concord, O.
Bay, Floyd Fleming.....New Concord, O.

Caldwell, Joseph Gaylord.....New Concord, O.
Campbell, Clara.....Demos, O.
Chandler, Elijah Napoleon.....Greenville, Tenn.
Cunningham, Harry Allen.....Quaker City, O.
Davis, Walter Clark.....New Florence, Pa.
Derry, Hazel Edith.....Sonora, O.
Devitt, Ray Willis.....Stockport, O.
Fairchild, John Paul.....Freeport, O.
Finley, Lynn Wallace.....New Concord, O.
Finley, Harlan Roth.....Lore City, O.
Forsythe, Martha.....Cambridge, O.
Forsythe, Porter Howard.....Cambridge, O.
Forsythe, Ethel Marie.....New Concord, O.
Galligher, Faris Brown.....New Concord, O.
Gaston, Carlton.....East Liverpool, O.
Graham, Clarence Ashcraft.....Frazeysburg, O.
Grimes, William Maurice.....New Concord, O.
Halsted, Don Wilbur.....Pomona, California
Harding, Guy Leslie.....Washington, O.
Hayward, Vernon Cyrus.....Beallsville, O.
Hinkle, Mary Lorraine.....New Concord, O.
Huston, Thomas Matthew.....Bolivar, Pa.
Laing, Charles Alfred.....Ingram, Pa.
Liggitt, Hugh Parker.....Huff, Pa.
Linsenmayer, Clarence.....Braddock, Pa.
Lovelady, Howard A.....New Concord, O.
McCleery, Fannie A.....New Concord, O.
McCulloch, Ray Marshall.....New Concord, O.
Martin, Samuel Raymond.....Delroy, O.
Milner, Roy C.....Milnerville, O.
Montgomery, Geneva Kathleen.....New Concord, O.
Morgan, Edna Vinora.....Cadiz, O.
Petrich, Edward Gustave.....Cool, California
Purtee, Edward Oconnor.....Peebles, O.
Russell, Johnson Miller.....McDonald, Pa.
Scatterday, Lyle Eldridge.....Demos, O.
Shepherd, Ralph Waldo.....Norwich, O.
Sims, Violet May.....New Concord, O.
Smith, Virgil Dale.....Mt. Perry, O.
Spence, Mary Pauline.....Washington, O.
Stewart, Harriet McCormac.....Cambridge, O.
St. Clair, Alverta Ione.....Antrim, O.
Vessels, Margaret Elizabeth.....New Concord, O.
Vodrey, James Roland.....East Liverpool, O.
Vorndran, Henry Miley.....East Liverpool, O.
Warden Ralph.....New Concord, O.
Wilson, Hazel Ella.....Norwich, O.

Wilson, John Anson.....Barnesville, O.
Woodward, Jesse Carl.....White Cottage, O.

ACADEMY DEPARTMENT.

Second Year.

Ballenger, Roy Calvin.....New Concord, O.
Bianco, James Albert.....Homer City, Pa.
Bond, Davida Dale.....Fairview, O.
Cain, Layton Webber.....New Concord, O.
Comin, John Anderson.....Bellaire, O.
Conkel, James Harold.....New Concord, O.
Davis, Ray McCreight.....New Concord, O.
Duff, Frank Newell.....Cambridge, O.
Forsythe, Leona Pearl.....New Concord, O.
Forsythe, John Deane.....Freeport, O.
Frazier, Ruth.....New Concord, O.
Geyer, Cora C.....New Concord, O.
Giffen, John Willard.....New Concord, O.
Giffen, Dora Eunice.....New Concord, O.
Gillogly, Georgia Elverda.....New Concord, O.
Given, Waldo Osler.....New Concord, O.
Guthrie, Roena Deborah.....New Concord, O.
Hammond, Paul Francis.....New Concord, O.
Henderson, Robert Paul.....Norwich, O.
Hinkle, Carl Paul.....New Concord, O.
Jackson, Lyman Ernest.....Otsego, O.
Jamison, Della Mabel.....New Concord, O.
Johnston, Herrick Lee.....West Point, Miss.
Johnston, Waldo Leroy.....New Concord, O.
Knipe, Wilber Case.....Adamsville, O.
Leeper, Robert Harper.....Hookstown, Pa.
Lorimer, Louis James.....New Concord, O.
McBride, Felma Eudora.....Salesville, O.
McCance, James Cameron.....New Concord, O.
McCormac, Edward Oliver.....New Concord, O.
McCoy, Leila Mary.....New Concord, O.
McCracken, Carrie Blanche.....Cumberland, O.
McDill, Edna May.....New Concord, O.
McDonald, Charles Dwight.....New Concord, O.
Moorehead, Charles Downie.....New Concord, O.
Muse, Frank Ellsworth.....Norwich, O.
Pollock, Harold Leroy.....New Concord, O.
Poulton, Charles Ernest.....Temperanceville, O.
Rankin, Mary Alice.....New Concord, O.
Rankin, John Oliver.....New Concord, O.
Ringer, Clarence Frame.....New Concord, O.
Robinson, William Brook.....Quaker City, O.
Sawyer, Neil Olney.....Claysville, O.

Smith, Carl Clovis.....Pine Bank, Pa.
Smock, John Leonard.....New Concord, O.
Speer, Sara Margaret.....New Concord, O.
St. Clair, Bessie Ione.....New Concord, O.
Stewart, Edson .....Cambridge, O.
Stewart, Carl .....Kimbolton, O.
Stockum, Ethel Elizabeth.....Otsego, O.
Stoner, John Stotler.....Vernon, Pa.
Vermillion, Fannie Olive .....New Concord, O.
Wallace, Fannie Ethel.....New Concord, O.
Watson, Helen Gertrude.....New Concord, O.
Wilson, Frank Patterson.....Cambridge, O.
White, Miriam.....New Concord, O.

ACADEMY DEPARTMENT.

First Year.

Aitkin, George Paul.....New Concord, O.
Alexander, Rollin Everett.....Guernsey, O.
Andrews, Matthew.....East Liverpool, O.
Armstrong, Charles Clyde.....New Concord, O.
Ault, Charles Emory.....New Concord, O.
Baker, Virgil Lyle.....New Concord, O.
Barr, Ransom Harold.....New Concord, O.
Bay, Dallas M.....New Concord, O.
Bay, Lillian Irene.....New Concord, O.
Bell, Bessie Marie.....New Concord, O.
Bell, Logan .....Otsego, O.
Bendure, Emma .....New Concord, O.
Blackstone, Scott Adams.....Cumberland, O.
Bratton, Warren.....Cambridge, O.
Bradshaw, Cramer Campbell .....East Palestine, O.
Buchanan, Anna Margaret.....Norwich, O.
Cain, Doris Ada.....New Concord, O.
Caldwell, Harry Palmer.....New Concord, O.
Clark, Marguerite Louella.....New Concord, O.
Cleland, Ronald Stewart.....New Concord, O.
Cleland, Eunice.....New Concord, O.
Cross, Robert Lyons.....Bird's Run, O.
Cunningham, Paul Matthew.....New Concord, O.
Davidson, John Blair.....Freeport, O.
Davis, Lura.....New Concord, O.
Dean, Sanford A.....Freeport, O.
Dilts, Stewart Le Roy.....Roseville, O.
Donaldson, David Lemoyne.....Carrollton, O.
Fackler, Osmon Kinsey.....New Philadelphia, O.
Forsythe, Lucile Ada.....New Concord, O.
Geyer, Marguerite A.....New Concord, O.

Gray, John Stanley.....Freeport, O.
Hunter, Ronald Clive.....Chandlersville, O.
Jackson, Ermy H.....New Concord, O.
Jackson, Cecil Case.....New Concord, O.
Johnson, Frank Mitchell.....Norwich, O.
Lovewell, Dorothy.....New Concord, O.
Johnson, Mary Ruth.....Frazeysburg, O.
Kensett, James William.....New Concord, O.
McCance, John Barfoot.....New Concord, O.
Mann, John Temple.....St. Louis, Mo.
Moffett, Myrtle Josephine.....Hoboken, Pa.
Moore, William Patterson.....Hammondsville, O.
Rader, Helen Elizabeth.....New Concord, O.
Rader, Harold Morgan.....New Concord, O.
Ralston, Donald Gregory.....New Concord, O.
Sheppard, Homer Lawrence.....Quaker City, O.
Shepherd, Flora Margaret.....Norwich, O.
Speer, June Annabelle.....New Concord, O.
Stamets, William Franklin.....New Concord, O.
Stockum, Emmett Leroy.....Otsego, O.
Thomas Merrill Annis.....Cambridge, O.
Trace, Janey Margaret.....New Concord, O.
Vermillion, Bernice Ola.....New Concord, O.
Watson, Ruth Virginia.....New Concord, O.
Watson, Grace Gregory.....New Concord, O.
Watson, Margaret Jane.....New Concord, O.
Williamson, Ruth Grace.....Chandlersville, O.
Wilson, Ruth.....New Concord, O.
Wilson, Frank Merrill.....New Concord ,O.

SUMMER SCHOOL AND UNCLASSIFED ACADEMY STUDENTS.

Ault, Della Frances.....St. Clairsville, O.
Buchanan, Bessie Faye.....Chandlersville, O.
Carlson, Ruth.....Cambridge, O.
Castor, Homer Walker.....Otsego, O.
Case, John Anderson.....Otsego, O.
Culbertson, Walter Roy.....Zanesville, O.
Daily, Ruth.....Norwich, O.
DeFord, Grace.....Dellroy, O.
Dozer, Mary Jane.....Zanesville, O.
Davis, Hortense.....Somerton, O.
Davis, Herbert Guy.....Glouster, O.
Danison, Mary Catherine.....Chandlersville, O.
Daughterty, Clyde John.....Sharpsburg, O.
Foster, Margaret Jean.....New Concord, O.
Frash, Gilbert Noah.....Tridelphia, O.

Frazure, N. W. ..... Lancaster, O.
Frazier, Helen ..... South Zanesville, O.
Garrett, Delwin Robert ..... Reinersville, O.
George, Anna ..... Carrollton, O.
Given, Margaret Jane ..... New Concord, O.
Hale, Charles Cunningham ..... McConnelsville, O.
Jarvis, Walter Leo ..... Tippecanoe, O.
Jordon, Mabel Vera ..... Adamsville, O.
Kane, Clement Mercle ..... Glouster, O.
Kerr, Harry Wilson ..... Fredericksburg, O.
Knicely, Gertrude ..... Adamsville, O.
Knight, Mary Elizabeth ..... Byesville, O.
Laughman, Ottis Howard ..... Malta, O.
Littick, Edna Maude ..... Adamsville, O.
McConaha, Mabel ..... New Concord, O.
McConaughey, Margaret ..... New Concord, O.
McFee, Edna Augusta ..... Dresden, O.
Moffet, Myrtle Josephine ..... Hoboken, Pa.
Miller, Henry Porter ..... Shelocta, Pa.
Mumford, Bessie Loudena ..... South Zanesville, O.
Murphy, Florence Lurena ..... Chandlersville, O.
Murphey, Mae Bernice ..... Chandlersville, O.
Paxton, Rhoda ..... St. Clairsville, O.
Peyton, Lola Belle ..... Blue Rock, O.
Pierson, Mary Lucile ..... St. Clairsville, O.
Swallow, Curtis Lowman ..... Reinersville, O.
Taylor, Veda Fern ..... Cumberland, O.
Taylor, Mary Ethel ..... New Concord, O.
Thompson, Adda Jane ..... Scio, O.
Trumbull, Freda Frances ..... Belle Center, O.
Walker, Margaret ..... Bellaire, O.
Warden, Faye ..... New Concord, O.
White, Margaret ..... Bellaire, O.
Wilson, Sidney Ora ..... Bird's Run, O.
Wilson, Althea Beatrice ..... Morristown, O.
Wilson, Lilla Mae ..... New Concord, O.
Young, Samuel Humes ..... New Waterford, O.

CONSERVATORY OF MUSIC.

Abbreviations: P, piano; O, organ; Pd., pedagogy; H, harmony; MH, musical history; Cpt., counterpoint.

Armstrong, Blanche, p. ..... West Alexander, Pa.
Bain, Margaret, p. ..... Xenia, O.
Bianco, James, p. ..... Homer City, Pa.
Bone, Florence, p. o. ..... McConnelsville, O.
Bunfill, Belle, p. h. ..... Shady Side, O.
Bradshaw, Georgia, p. ..... New Concord, O.

Brindley, Mabel, h.....New Concord, O.
Buchanan, Lenzie, p.....Chandlersville, O.
Clark, Mary Nola, p. h. m. h. pd.....Kimbolton, O.
Cox, Mabel, p.....New Concord, O.
Croft, Mary, p.....East Liverpool, O.
Davis, Martha, p. h. pd.....Zanesville, O.
Duff, Bertha, p.....Cambridge, O.
Edwards, Ruie, p.....West Carlisle, O.
Forsythe, Glenna, p.....New Concord, O.
Futhey, Mary, p. h.....Shady Side, O.
Gilkey, Walter, p.....New Concord, O.
Graham, Veda, p. m. h.....New Concord, O.
Greiner, W. N., o.....Zanesville, O.
Grimes, Beulah.....New Concord, O.
Groves, Nellie, p.....Tippecanoe, O.
Handschy, Iva N., p.....Norwich, O.
Hinkle, Mary, p.....New Concord, O.
Huston, Mary, p. h. pd., senior.....New Concord, O.
Kappes, Mrs. Doris, p.....Zanesville, O.
Kennedy, Emma, p. pd.....Kimbolton, O.
Ledman, Mary, p. h. pd.....New Concord, O.
Linsenmayer, Clarence, o.....Braddock, Pa.
Loughrey, Marie, p.....Blairsville, Pa.
McConagha, Mae, p.....New Concord, O.
McCormac, Brownie, p.....New Concord, O.
McCreary, Ethel, p.....Cambridge, O.
McKitrick, Coy, h.....Kenton, O.
Miley, Audrey, p. h. m. h. pd.....Caldwell, O.
Minnear, Calanthe, p.....Norwich, O.
Montgomery, Geneva, p. h.....New Concord, O.
Morehead, Bessie, p. h. m. h.....Cambridge, O.
Morgan, Edna, p.....Cadiz, O.
Nesbit, Ora, p. h.....Burgettstown, Pa.
Nicholson, Ruby, p.....New Concord, O.
Patton, Enda, p.....New Concord, O.
Pyle, Mae, p, senior.....New Concord, O.
Quick, Elizabeth, p.....Atlanta, Ga.
Reasoner, Mabel, p. h.....New Concord, O.
St. Clair, Ione, p. h.....New Concord, O.
Sembower, Gertrude Miriam, p. o. h. m. h. pd.....
.....Connelville, Pa.
Stoup, Elva, p. h. m. h. pd.....Valentia, Pa.
Summers, Bessie, cpt., senior.....Renfrew, Pa.
Vessels, Margaret, p.....New Concord, O.
Warner, Wilda, p. h.....East Liverpool, O.
Watson, Helen, p.....New Concord, O.
Wiley, Pauline, p.....New Concord, O.
Wilson, Jesse, cpt., senior.....New Concord, O.

VOICE.

Alley, John Dinsmore.....New Concord, O.
Alley, Margaret Lucy.....New Concord, O.
Brindley, Mabel Elane.....New Concord, O.
Browning, Bryce Cogsil.....Frazeysburg, O.
Bryant, Earle Ruskin.....New Concord, O.
Bunfill, Belle Ursula.....Shady Side, O.
Buchanan, Margaret Lenzie.....Chandlersville, O.
Clark, Mary Nola.....Kimbolton, O.
Comin, John Anderson.....Bellaire, O.
Cox, Stanley Donald.....New Concord, O.
Craft, Ocena.....Sarahsville, O.
Croft, Mary Elizabeth.....East Liverpool, O.
Frazier, James Howard.....Frazeysburg, O.
Futhey, Mary.....Shady Side, O.
Gaston, Carlton Willis.....East Liverpool, O.
Geyer, Vera M.....New Concord, O.
Gillespie, Paul Smith.....Cambridge, O.
Gillogly, Mary.....Cumberland, O.
Handschy, Iva.....Norwich, O.
Henderson, Carrie.....Knoxville, Tenn.
Lewis, Alice Adeline.....Zanesville, O.
McCleery, Fannie.....New Concord, O.
McKitrick, Coy.....Kenton, O.
McNary, Charles Townsend.....Thomas, Pa.
Miller, Henry Porter.....Shelocta, Pa.
Miller, Mrs. Arthur.....Cambridge, O.
Murphy, Paul Raymond.....Chandlersville, O.
Norris, J. C.....Cambridge, O.
Nesbit, Ora.....Burgettstown, Pa.
Purdy Carrie.....New Concord, O.
Quick, Elizabeth.....Atlanta, Ga.
Rankin, John Alexander.....Killyleigh, Co. Down, Ireland
Rees, David Lewellynn.....East Liverpool, O.
Sembower, Gertrude.....Connellsville, Pa.
Schields, Geneva.....Cambridge, O.
Secrest, Minnie.....New Concord, O.
Spence, Mignon.....Germano, O.
Spence, Goldie.....Cambridge, O.
Stoup, Elva.....Valentia, Pa.
Stewart, Mary Elizabeth.....New Concord, O.
Summers, Bessie Mary, senior.....Renfrew, Pa.
Warner, Wilda.....East Liverpool, O.
Wilson, Jessie Irene, senior.....New Concord, O.

VIOLIN.

Doyle, Langdon Earle.....New Concord, O.
Edwards, Ruie Folsom.....West Carlisle, O.
Forsythe, Ethel Marie.....New Concord, O.
Giffin, Dora Eunice.....New Concord, O.
Giffin, John Willard.....New Concord, O.
Handschy, Lloyd Clayborne.....New Concord, O.
Hibbs, Mabel Florence.....Scio, O.
McClure, Walter Emerson.....New Concord, O.
McNary, Charles Townsend.....Thomas, Pa.
Quick, Aurena .....Atlanta, Ga.

ORCHESTRA.

Director, William W. Gray.

First Violin
Forsythe, Porter
Gillespie, Paul
Gray, William W.
Montgomery, J. Knox, Jr.

Second Violin.
Doyle, Langdon Earle
Edwards, Ruie Folsom
Forsythe, Ethel Marie
Giffin, Dora Eunice
Hibbs, Mabel Florence
McNary, Charles Townsend

First Clarinet .....Noble, Beryl
First Cornet .....Irwin, Dr. H. L.
Second Cornet .....Arnold, R. H.
Second Cornet .....Murphey, Paul
Trombone ..... McCormac, Leslie
Piano .....Gray, Nellie L.
Organ .....Lovewell, S. H.

CONSERVATORY OF MUSIC.

Cambridge Branch.

Piano.

Arnold, Mary .....Cambridge, O.
Armstrong, Bessie .....Cambridge, O.
Addison, Lura .....Cambridge, O.
Bell, Francis .....Cambridge, O.
Bates, Carrie .....Cambridge, O.
Ball, Leslie .....Cambridge, O.
Bope, Julia .....Cambridge, O.
Diehl, Marjorie .....Cambridge, O.
De Golier, Eleanore .....Cambridge, O.
De Golier, Elizabeth .....Cambridge, O.
Donley, May .....Cambridge, O.
Doyle, Ina .....Cambridge, O.

Dugan, Nora ..... Cambridge, O.
Eynon, Maud ..... Cambridge, O.
Fife, Audrey ..... Cambridge, O.
Finley, Helen ..... Cambridge, O.
Finley, Henry ..... Cambridge, O.
Finley, Charles ..... Cambridge, O.
Frasher, Kathryn ..... Cambridge, O.
Garrett, Mr ..... Cambridge, O.
Gibson, Charles ..... Cambridge, O.
Gregg, Lillian ..... Cambridge, O.
Greenwald, Violet ..... Cambridge, O.
Greenwald, Maxwell ..... Cambridge, O.
Gwilt,Mrs. ..... Cambridge, O.
Gwilt,Robert ..... Cambridge, O.
Gwilt,Francis ..... Cambridge, O.
Hampton, Harriet ..... Cambridge, O.
Hannon, Francis ..... Cambridge, O.
Harper, Julia ..... Cambridge, O.
Hasfelt, Mr. ..... Cambridge, O.
Jackmann, Cora ..... Cambridge, O.
Johnson, Margaret ..... Cambridge, O.
Johnson, Martha ..... Cambridge, O.
Johnson, Ray ..... Cambridge, O.
Johnson, Kathryne ..... Cambridge, O.
Joyce, Manila ..... Cambridge, O.
Joyce, Emma ..... Cambridge, O.
Laverty, Clelia ..... Cambridge, O.
Law, Carl ..... Cambridge, O.
Ledlie, Helen ..... Cambridge, O.
Leyshon, Alpha ..... Cambridge, O.
Lewis, Maurice ..... Cambridge, O.
Lloyd, Gladys ..... Cambridge, O.
Lloyd, Alice ..... Cambridge, O.
Luyster, Deloris ..... Cambridge, O.
Moore, Doris ..... Cambridge, O.
Moss, Beryl ..... Cambridge, O.
Murphy, Lillian ..... Cambridge, O.
Orme, Mary ..... Cambridge, O.
Peters, Fay ..... Cambridge, O.
Petriken, Margaret ..... Cambridge, O.
Price, Helen ..... Cambridge, O.
Ripley, Margaret ..... Cambridge, O.
Schick, Ruth ..... Cambridge, O.
Schield, Geneva ..... Cambridge, O.
Shear, Miss ..... Cambridge, O.
Sherrard, Isabelle ..... Cambridge, O.
Shry, Helen ..... Cambridge, O.

Spaid, Marie ..... Cambridge, O.
Starr, Edna ..... Cambridge, O.
Stevenson, Martha ..... Cambridge, O.
Thrasher, Emily ..... Cambridge, O.
Trenner, Willard ..... Cambridge, O.
Trenner, Virginia ..... Cambridge, O.
Upton, Mary ..... Cambridge, O.
White, Mary E ..... Cambridge, O.
White, Mary J ..... Cambridge, O.
Wiley, Ethel ..... Cambridge, O.

MUSICAL KINDERGARTEN.

Claggett, Martha ..... Cambridge, O.
Clark, Charlene ..... Cambridge, O.
Hayes, Elizabeth ..... Cambridge, O.
Hayes, Virginia ..... Cambridge, O.
Lane, Elizabeth ..... Cambridge, O.
Leyshon, Frank ..... Cambridge, O.
Petriken, Rebecca ..... Cambridge, O.
Taylor, Nathalie ..... Cambridge, O.
Thrasher, Eva ..... Cambridge, O.
Turnbaugh, Martha ..... Cambridge, O.

ELOCUTION.

Private Lessons.

Arnold Ray ..... East Palestine, O.
Buck, Charles ..... New Concord, O.
Coleman, Maurice ..... New Concord, O.
Davis, Lura ..... New Concord, O.
Loughry, Marie ..... Blairsville, Pa.
Miller, Porter ..... Shelocta, Pa.
Myers, Fred ..... Kelsey, O.
Patton, Frances ..... Sparta, Ill.
Russell, Earle ..... Redford, Mich.
Stewart, Harriett ..... Cambridge, O.

COMMERCIAL DEPARTMENT.

Typewriting and Shorthand.

Bay, Dallas ..... New Concord, O.
Holleran, J. Lloyd ..... Canonsburg, Pa.
McPeak, Blanche ..... Cambridge, O.
Patterson, Albert ..... East Liverpool, O.
Warden, Faye ..... New Concord, O.
Watson, Ernest ..... New Concord, O.
Wharton, Lorena ..... Freeport, O.

SCHOOL OF ART.

China Painting.

Futhey, Mary.....Shadyside, O.
Hunt, Erma.....Adena, O.
Loughry, Marie.....Blairsville, Pa.
McCreary, Ruth.....Camden, O.
Nesbit, Ora.....Burgettstown, Pa.
Nichol, Mary.....St. Clairsville, O.
Vermillion, Fannie.....New Concord, O.
White, Mary.....Rea, Pa.

Water Colors.

Edwards, Ruie.....West Carlisle, O.
Hoffman, Emma.....Senecaville, O.
McCreary, Ruth.....Camden, O.
Nichol, Mary.....St. Clairsville, O.
Philips, Claribel.....Belle Center, O.
Ramsey, Mary.....Belle Center, O.
Stoup, Elva.....Valentia, Pa.
Thompson, Agnes.....Jewett, O.
White, Mary.....Rea, Pa.

Free Hand Drawing.

Martin, Samuel Raymond.....Delroy, O.
Rader, Helen.....New Concord, O.
Strong, Anna May.....Hoopeston, Ill.

Summary of Enrollment

COLLEGE.

For the Year 1912-1913

Graduate Student	1
Senior Class	45
Junior Class	46
Sophomore Class	33
Freshman Class	81
Special College Students	15
Total in College Department	220

ACADEMY.

Senior Class	36
Third Year	54
Second Year	54
First Year	58
Summer Term and Unclassified	51
Total	253
Total in Literary Department	473

CONSERVATORY.

Senior Class	3
Total in All Departments	201

EXPRESSION.

Taking Private Work	10

ART.

In All Departments	20

COMMERCIAL BRANCHES.

In all Departments	7
Total	831
Total Net Enrollment	607

SUMMARY BY STATES.

	1911-12	1912-13
Canada	1	1
California	1	4
Colorado		1
Florida		1
Georgia		2
Illinois	2	3
India	3	1
Indiana	4	1
Iowa	2	1
Ireland		2
Kansas	1	1
Michigan	1	1
Mississippi		1
Missouri		1
New Jersey		1
New York		1
North Carolina	2	2
Ohio	459	477
Pennsylvania	79	77
Tennessee	1	2
West Virginia	1	4

Muskingum College Presidents

Rev. B. Waddle, D. D.	1837-1838
Rev. S. Wilson	1838-1846
Rev. D .A. Wallace, D. D. LL. D.	1846-1848
Rev. John Milligan	1848-1849
Rev. S. G. Irvine, D. D.	1849-1851
Rev. S. McArthur	1851-1855
Rev. B. Waddle, D. D.	1855-1858
Rev. J. P. Lytle, D. D. (pro tem)	1859-1861
Rev. H. P. McClurkin, D. D.(pro tem)	1859-1861
Rev. L. B. W. Shryock	1861-1864
Rev. D. Paul, D. D.	1865-1879
Rev. F. M. Spencer, D. D.	1879-1886
Rev. J. D. Irons, D. D. LL. D.	1887-1892
Rev. D. K. McKnight, D. D. (pro tem)	1892-1893
Rev. Jesse Johnson, D. D.	1893-1902
Chester J. Marshall, A. M. (pro tem)	1902-1903
Leonard J. Graham, A. M. (pro tem)	1903-1904
Rev. J. Knox Montgomery, D. D.	1905-

Alumni Association

OFFICERS:

President ..... B. W. Ewing, Esq., 1899
Vice-President ..... Rev. C. W. Fulton, 1900
Corresponding Secretary ..... Miss Rose McKinney, 1896
Treasurer ..... Miss Nellie Harris, 1876

EXECUTIVE COMMITTEE.

Professor J. G. Lowery, 1907,
Rev. E. M. Giffin, 1887,
Mrs. Mattie M. McCreary, 1880

COMMITTEE ON ALUMNI ENDOWMENT FUND.

Howard McDonald, '01,
Rev. J. M. Moore, '76,
Rev. W. L. Garges, '76,
Rev. C. W. Fulton, '00,
Geo. C. Speer, '96.

Honorary Degrees Conferred

1850

Rev. Samuel Irving, D. D.
Rev. Samuel Findley, D. D.
Rev. William Wylie, D. D.

1859

R. Stillwell, LL. D.
Gen. C. B. Goddard, LL. D.

1871

Rev. Robt. Herron, D. D.
Rev. John Comin, D. D.
Rev. D. Paul, D. D.
Rev. T. P. Stevenson, D. D.

1872

Rev. B. Waddle, D. D.
Prof. O. H. Roberts, A. M.

1873

Gen. M. D. Leggert, LL. D.

1874

Rev. D. W. Fisher, D. D.
Rev. H. B. Fry, D. D.
Rev. S. M. Hickman, D. D.

1876

Prof. A. C. Rideout, LL. D.
J. K. Watson, A. B.

1878

Rev. Samuel Collins, D. D.

1879

Rev. H. P. McClurkin, D. D.
Rev. D. H. French, D. D.
Rev. S. T. Boyd, Ph. D.

1880

Rev. J. B. Scouler, D. D.
Rev. Thomas Balph, D. D.

1882

Samuel T. Wallace, A. M.
Rev. Wm. G. Waddle, D. D.

1883

Rev. James White, D. D.

1884

Rev. Samuel Martin, D. D.
Rev. David McAllister, D. D.
Rev. C. S. Marshall, D. D.
Rev. Wm. Johnson, D. D.
Rev. W. W. Ralston, D. D.

1885

Rev. Hugh Hervey, D. D.

1886

Rev. James Harper, LL. D.
Rev. F. M. Spencer, D. D.

1887

Rev. W. W. Gibson, D. D.
Prof. C. F. Palmer, A. M.
Judge G. L. Phillips, LL. D.
Prof. James Hammond, A. M.

1888

Rev. D. A. McClenahan, D. D.
Prof. Thos. M. Sewell, Ph. D.

1889

Rev. C. L. Work, D. D.
Rev. A. H. Harshaw, D. D.
Rev. E. S. McKitrick, D. D.
Rev. J. S. Speer, D. D.
Rev. W. R. Scott, Ph. D.

1890

Rev. R. G. Wallace, D. D.
Rev. M. J. Smalley, A. M.
Dr. John E. Minney, A. M.

1891

Rev. W. O. Thompson, D. D.
Rev. J. P. Cowan, D. D.
Rev. J. H. Veazy, A. M.

1893

Rev. D. F. McGill, D. D.

1893

Rev. T. B. Turnbull, D. D.
Rev. Jos. A. Collins, D. D.
Prof. W. W. White, D. D.
Rev. James C. Wilson, D. D.
Supt. J. A. Shawan, Ph. D.
Prof. E. E. Smock, M. S.
Dr. David B. Best, M. S.

1895

Rev. R. H. Hume, D. D.
Prof. L. D. Bonebraker, Ph. D.
Rev. W. S. Harper, D. D.

1896

Rev. R. C. Wylie, D. D.

1897

Prof. J. C. McClelland, D. D.

1898

Rev. T. P. Robb, D. D.

1899

Prof. John D. Irons, LL. D.

1900

Rev. Frank Grandstaff, D. D.

1901

Rev. H. Y. Leeper, D. D.
Rev. Arney S. Biddle, D. D.
Rev. I. N. White, D. D.
Rev. W. S. Kreger, A. M.

1902

Rev. J. M. Atkinson, D. D.
Rev. W. H. McMillan, LL. D.

1904

Prof. Thos. A. Smith, LL. D.
Rev. Wm. Hesse, D. D.

1906

Rev. Purley A. Zartman, D. D.
Rev. T. P. Stevenson, LL. D.

1907

Rev. W. W. Lawrence, D. D.
Rev. R. A. Hutchinson, D. D.
Rev. W. H. French, LL. D.

1908

Rev, E. M. Milligan. D. D.
Rev. Melvin Grove Kyle, LL. D.
Miss Susan E. Crumbaker,M.Lit
Miss Elizabeth Waddell, M. S.

1909

Rev. P. B. Fitzwater, D. D.
Rev. J. W. Ashwood, D. D.
Rev. Howard S. Wilson, D. D.
Rev. James Boyce, D. D.
Rev. D. A. McClenahan, LL. D.
Judge A. A. Frazier, LL. D.
Rev. R. C. Wylie, LL. D.

1910

Rev. John Howard Martin, D. D.
Rev. James Revenaugh, D. D.

1911

Rev. J. Krudenier, D. D.
Rev. A. S. Rogers, D. D.
Rev. Henry Beets, LL. D.

1912

Rev. T. D. Edgar, D. D.
Rev. W. B. Fleming, D. D.
Rev. J. F. Clokey, D. D.
Rev. James E. Sheppard, D. D.
Prof. T. H. Paden, Ph. D.
Prof. Robt. Francis Harper, LL. D.
Rev. W. G. Waddle, LL. D.

BEQUESTS

FOR PERSONAL PROPERTY.

I do give and bequeath to the Board of Trustees of Muskingum College the sum of .....Dollars, (or.....shares of stock in the..... or bonds, as the case may be, setting forth particularly what it is that is bequeathed).

FOR REAL ESTATE.

I do give, devise and bequeath to the Board of Trustees of Muskingum College and its successors, forever, all that lot or piece of land (describing the property with care.)

Special care should be taken that bequests be made according to the laws of the state governing them.

ANNUITIES.

Some are not in position to make donations outright to the College. For such the College makes provisions whereby they may deed their property to the College and receive an annuity from the College during the remainder of their lives. In this way the donors are relieved of all care of the property and are assured an income as long as they live, and are further assured that their money will continue to bless succeeding generations after they are gone.

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